





# CITY OF COVENTRY.



## ANNUAL HEALTH REPORT

**FOR THE YEAR 1947.**

BY

THE MEDICAL OFFICER OF HEALTH

(T. MORRISON CLAYTON, M.D., B.Hy., D.P.H.)

## HEALTH COMMITTEE

as at 31st December, 1947.

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*Chairman*—Councillor MRS. E. ALLEN.

*Vice-Chairman*—Councillor W. CALLOW.

The Mayor (Councillor W. H. MALCOLM, J.P.).

The Deputy Mayor (Alderman V. A. HAMMOND).

Miss Alderman ARNOLD.

Mr. Alderman STRINGER, J.P.

Mr. Councillor BINKS.

Mrs. Councillor CANT, J.P.

Mr. Councillor DANIELS.

Mr. Councillor LATHAM.

Mr. Councillor RODMELL.

Mr. Councillor WAUGH.

Dr. H. P. McNAMARA (nominated by the Coventry Branch of the British Medical Association.).

Dr. W. D. COGHILL (nominated by the Local Executive Council).

Mrs. M. M. Bloxham                      (Co-opted for Mental Deficiency and  
Mrs. A. GERAGHTY                      Mental Treatment Acts).

## PUBLIC HEALTH STAFF (ABRIDGED).

*Medical Officer of Health:*

A. MASSEY, C.B.E., M.D., D.P.H., D.P.A. (resigned 31/3/47).  
 T. M. CLAYTON, M.D., B.S., B.Hy., D.P.H. (appointed 7/5/47). (Acting  
 M.O.H. from 1/4/47.)

*Deputy Medical Officer of Health:*

T. M. CLAYTON, M.D., B.S., B.Hy., D.P.H. (until 7/5/47).  
 C. R. MAYOU, M.R.C.S., L.R.C.P., D.P.H. (appointed 8/8/47)

*Departmental Senior Assistants:*

|  |  |
|--|--|
| Senior Assistant Medical<br>Officer for Maternity &<br>Child Welfare - - | WINIFRED A. KANE, M.R.C.S., L.R.C.P.,<br>D.P.H.  |
| Medical Superintendent,<br>Gulson Road Municipal<br>Hospital - - -       | A. SEDDON, M.D., F.R.C.S.  |
| Deputy Medical Superin-<br>tendent, Gulson Road<br>Municipal Hospital -  | E. P. CAMPBELL, M.B., Ch.B.  |
| Medical Superintendent,<br>City Isolation Hospital                       | J. F. GALPINE, M.D., Ch.B., D.P.H.,<br>D.C.H.  |
| Venereal Disease Clinic -  | J. F. GALPINE, M.D., Ch.B., D.P.H.,<br>D.C.H.<br>A. T. HAWLEY, M.A., M.B., F.R.C.S.,<br>(Edin.) (part-time). |
| Tuberculosis Officer -   | J. MCG. WILLIAMS, M.D., Ch.B., D.P.H.  |
| Medical Superintendent,<br>Memorial Sanatorium -                         | C. BUDGE, M.R.C.S., L.R.C.P., D.P.H.   |
| Public Analyst - -   | F. G. D. CHALMERS, M.A., B.Sc., F.I.C.<br>(part-time).   |
| Veterinary Officer - -   | W. DALE, M.R.C.V.S. (part-time).   |
| Chief Sanitary Inspector -   | W. BEAUMONT.   |
| Deputy Chief Sanitary<br>Inspector - - -                                 | E. A. JOHNSON.   |
| Chief Clerk - - -  | J. H. GRANT.   |

*Consultant Staff:**Gulson Road Municipal Hospital—*

|                     |   |
|---------------------|---|
| General Surgeon - - | TREVOR H. BERRILL, M.B., Ch.B., F.R.C.S.<br>(Eng.). |
| Assistant - - -     | R. A. EDMONDSON, M.B., Ch.B.                        |
| Physician - - -     | J. C. HEATHER, M.D., M.R.C.P.                       |
| Traumatic Surgeon - | A. J. WATSON, M.B., B.S., F.R.C.S.<br>(Eng.).       |
| Obstetrician - - -  | H. R. DUVAL, L.M.S., F.R.C.S. (Edin.).              |
| Radiologist - - -   | J. E. GLASGOW, M.B., B.Ch., D.M.R.E.                |
| Dental Surgeon - -  | C. HARRIS, L.D.S.                                   |

*Matrons, Superintendents, etc.—*

|   |                       |
|---|-----------------------|
| Gulson Road Municipal<br>Hospital - - - | MISS M. DONAGH.       |
| City Isolation Hospital -               | MISS J. M. BLAKE.     |
| Superintendent Health<br>Visitor - - -  | MISS M. D. LLOYD.     |
| Lay Supervisor, Midwives                | MISS M. A. E. TAYLOR. |
| Supervisor of Home Helps                | MRS. E. MARSHALL.     |

## General Statistics.

|  |     |     |     |     |            |
|--|-----|-----|-----|-----|------------|
| Area in acres  | ... | ... | ... | ... | 19,167     |
| Population (Census, 1931)...                                 | ... | ... | ... | ... | 178,126    |
| Population (estimate for mid. year 1947)                     | ... | ... | ... | ... | 242,860    |
| Density of population (1931) per acre                        | ..  | ... | ... | ... | 9.5        |
| Density of population (estimate mid. 1947)                   | ... | ... | ... | ... | 12.7       |
| Number of inhabited dwellings (1931) 42,190 (Dec., 1947)     | ... | ... | ... | ... | 68,920     |
| Average number of persons to each occupied house (mid. year) | ... | ... | ... | ... | 3.5        |
| Rateable Value of City (Dec. 1947)...                        | ... | ... | ... | ... | £1,629,430 |
| Sum represented by a penny rate (Dec., 1947)                 | ... | ... | ... | ... | £6,778     |

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|  |             |             |             |  |
|--|-------------|-------------|-------------|--|
| Live Births—   | Males.      | Females.    | Total.      |  |
| (Legitimate)   | 2736        | 2524        | 5260        |  |
| (Illegitimate)   | 209         | 174         | 383         |  |
|  | <u>2945</u> | <u>2698</u> | <u>5643</u> | = Birth rate of <b>23.2</b> per 1000 people. |
| Stillbirths ...  | 78          | 75          | 153         | = Rate of <b>23.8</b> per 1000 live births.  |
| Deaths ...   | 1321        | 1107        | 2428        | = Death rate of <b>9.9</b> per 1000 people.  |
| Deaths from Puerperal Causes—  |             |             |             |  |
| Puerperal Sepsis ...   | 5           |             |             | = 0.9 per 1000 births                        |
| Other Puerperal Causes   | 2           |             |             | = 0.4 „ „                                    |
| Death Rate of Infants under one year of age:—  |             |             |             |  |
| (a) All infants per 1,000 live births  | ...         | ...         | ...         | <b>45.1</b>                                  |
| (b) Legitimate infants per 1,000 legitimate births   | ...         | ...         | ...         | 44.6   |
| (c) Illegitimate infants per 1,000 illegitimate births   | ...         | ...         | ...         | 52.2   |
| Marriage Rate ...  | ...         | ...         | ...         | 18.5   |
| * Death Rate from Principal Infectious Diseases  | ...         | ...         | ...         | 0.18   |
| Typhoid, Scarlet Fever, Whooping Cough, Diphtheria, Measles, Diarrhoea, under 2 years, Cerebro Spinal Fever, Poliomyelitis |             |             |             |  |
| Respiratory Death Rate ...   | ...         | ...         | ...         | 1.30   |
| Phthisis ...   | ...         | ...         | ...         | 0.67   |
| Death Rate from other forms of Tuberculosis  | ...         | ...         | ...         | 0.08   |
| Death Rate from Cancer...  | ...         | ...         | ...         | 1.46   |

MR. MAYOR, LADIES AND GENTLEMEN,

It is my pleasurable duty to submit the Annual Health Report for the year 1947 concerning the general health of the population of Coventry, this being the 74th report of the series for this City. Though extended in some measure, I would indicate that this review has been modelled upon that for 1946 out of deference to the wishes of the Ministry of Health as requested in their Circular 170/47 of December 1947. It is hoped, however, that those conditions which obliged the Ministry to make the request, will not long continue and that succeeding years will afford the requisite facilities needed for a more comprehensive analysis of vital statistics and other environmental and social factors. Specific information is given under various headings in the body of the report, but I feel that there are items which call for particular comment at the outset.

The Registrar General's estimate of the population was 242,860; this shows an increase of 10,010 over the 1946 figure, which in turn was also an increase of 10,880 over that for 1945. The increase of 20,890 in two years is the equivalent of the population of an average-sized county district.

In 1946, I was able to report a gratifying decrease in the number of cases of tuberculosis notified (the lowest since 1941) and I had hoped, therefore, that with anticipated improvements in the housing situation, possible increases in the numbers of sanatorium beds and trained staff, and general betterment in other associated directions, we would be able to witness a decline in this scourge of all diseases. Such has not been the case, however, and, in fact, the position has almost reverted to that prevailing in 1945. The increase in population, taken in conjunction with the overcrowded housing conditions in the City, provides a difficult background for the application of appropriate correctives, particularly when aggravated by a functional insufficiency of sanatorium beds, more of which are needed for the acceptance of those many patients who should be receiving treatment therein.

The general death rate of 9.9 per thousand of the population shows very little change from that for the preceding year and compares with the general death rate for England and Wales at 12.3 and for the larger towns at 12.5.

The birth rate showed a further increase over that of the preceding year from 22.4 to 23.2 per thousand population, and compares very favourably with that for England and Wales at 20.6 and for the larger towns at 22. Incidentally, the number of births is the largest ever recorded in Coventry, and this point is of particular statistical significance because, conversely, the infant mortality rate reached a new low record in the City at 45 per thousand births, and compares very much more favourably with the rate throughout England and Wales (41) and in the larger towns (44) than has been the case in preceding years.



The incidence of venereal disease in the city during 1947, I am glad to report, has shown a recession in comparison with the peak figures which were reached during the preceding year.

Since this will be the penultimate opportunity I shall have to comment upon the general hospital accommodation locally, before the hospitals are transferred, I feel it necessary to stress once more the acute shortage of hospital beds in this city of almost a quarter of a million inhabitants. It is my belief that there are few English cities of comparable size which are in quite such an unenviable position as Coventry in respect of general and maternity hospital beds. Whilst it is recognised, and rightly so, that national housing claims take major priority, there is, nevertheless, in my opinion, an urgent *prima facie* case made out (particularly so in view of the rapid increase in population) for the immediate provision of augmented new hospital accommodation in Coventry consequent upon the severe war-time losses which came upon the already sparse pre-war hospital facilities. It is unreasonable to expect the populace to continue indefinitely with such inadequate resources, particularly so since advanced municipal general hospital planning and good peripheral siting (both approved by the City Council) have been available for several years against the day when sanction for the erection of these important buildings should be forthcoming.

In commenting upon the incidence of infectious diseases within the city, it is appropriate that special mention should be made of the (for this country) unprecedented outbreak of anterior poliomyelitis which occurred during the year, and I have therefore included a special summary elsewhere in this report. Of other notifiable diseases there was an increase in the incidence of scarlet fever and ophthalmia neonatorum and a decrease in diphtheria, these figures, of course, being in comparison with notifications received during 1946. Generally speaking, the total incidence of notifiable infectious diseases during the year (4,986) has been greatly in excess of that for 1946 (2,708), but no less than 3,252 of the 1947 total can be attributed to measles notifications alone.

It would be inappropriate to refrain from mentioning the early impact of the National Health Service Act, 1946, upon affairs of this Local Authority, since various schemes under Part III of the Act were already under way before the turn of the year. Although a clearer perspective will be forthcoming in the Annual Report for 1948, it must be apparent that, as I write, all Part III schemes save one (Section 21—Health Centres) have already been submitted, amended as need be, and finally approved by the Minister; moreover, they are now functioning to a greater or lesser extent in Coventry. A brief preliminary summary of the Part III services is therefore appended hereinafter for general information.



## **Population.**

There was again a considerable increase of population in the City in 1947, this being in excess of 10,000. The Registrar-General's mid-year estimate was 242,860, and this compares with that for the previous year at 232,850. The local estimated population for 1947, as obtained through the Food Office, was 243,590. This upward trend tends to focus attention even more acutely upon the already limited hospital resources and the extensive waiting list of persons in need of more adequate housing accommodation.

## **Birth Rate.**

The birth rate in Coventry during 1947 was 23.2 per 1,000 births and this compares very favourably with the figure for England and Wales at 20.6 and for the great towns at 22.0 per 1,000 births respectively. 60.2 per cent. of all births in the City were attended by the Municipal Midwives; 20.8 per cent. received attention in the Municipal Hospital, and 2.5 per cent. were attended by Nursing Associations, working in these instances on behalf of the Local Authority. The number of births occurring in Coventry during 1947 was the highest ever recorded, this being 5,643.

## **Infantile Mortality.**

The lowest level of deaths occurring in babies under one year of age was recorded during 1947, this being 45 per 1,000 births, as compared with 54 for 1946. The previous lowest rate was in 1935, when a figure of 46.5 per 1,000 births was recorded. The 1947 figure is indeed remarkable in view of the present housing position and the very limited number of maternity beds available in the general hospitals of this City. With gradual improvement of the position in these two important spheres of interest, there can be little reason to doubt but that the present satisfactory rate should be eclipsed in due course, especially when there are more adequate provisions available in the City for dealing with premature infants. Of the 255 infantile deaths which occurred, 75 were classified under the group headed "Congenital Malformations" (1946—39), while 65 were due to "Premature Birth" (1946—81) and 43 to Pneumonia (1946—51), these three categories alone accounting for 183 of the total. It is to be noted that whereas in 1946 diarrhoea, under 1 year of age, accounted for 62 infantile deaths, in 1947 only 19 such deaths were recorded.

## **Maternal Mortality.**

The maternal mortality rate for the City was 1.24 per 1,000 births, and this compares favourably with that for the preceding year at 1.34 and is slightly higher than that for England and Wales at 1.17 per 1,000 births. These figures are very satisfactory when compared with those for preceding years, and the local rate is to the continued credit of the ante-natal and midwifery services functioning in this City.

## General Death Rate.

The City's death rate for 1947 was 9.9 per 1,000 population, this being based on the Registrar-General's mid-year estimate of population. The corresponding figure for 1946 was 10 per 1,000 population. The local death rate remains much below that for England and Wales, the latter being at 12.3. The major causes of death during the year under review were heart disease and other vascular conditions; cancer; tuberculosis; infantile affections; and respiratory conditions. An analysis of the various causes of death is given in the appropriate table on page 44.

## Infectious Diseases.

Notifications during 1947 in respect of notifiable infectious diseases are as follows :—

Diphtheria 53 (115 : 212); scarlet fever 385 (232 : 406); measles 3,252 (1,076); whooping cough 564 (628); acute primary pneumonia 140 (155 : 290); puerperal pyrexia 35 (50 : 54); typhoid and paratyphoid fever 6 (2 : 19); cerebro-spinal meningitis 26 (12 : 36); acute anterior poliomyelitis 33 (5 : 2); ophthalmia neonatorum 25 (6 : 16); erysipelas 39 (66 : 60); malaria 2 (6 : —); and dysentery 10 (14 : 15). The comparative figures in brackets are those for 1946 and for the last complete pre-war year 1938 in that order. In the last-mentioned year measles and whooping cough were not notifiable.

The total incidence of notifiable infectious diseases was decidedly higher than that during 1946 (*i.e.* 4,986 : 2,708), but this, as has been explained in the introduction to this report, was mainly due to the greatly increased number of cases suffering from measles who were notified.

Once more there has been a considerable reduction in the case rate for diphtheria during the present year and the following figures tell their own story, and incidentally that concerned with the campaign of immunisation against diphtheria in Coventry :—

1945—146 cases (5 deaths—none immunised)

1946—115 cases (4 deaths—none immunised)

1947—53 cases (2 deaths—none immunised)

## Scabies.

During the year, 1,096 patients suffering from scabies were treated at the Cleansing Centre. There has been a considerable decrease in the incidence of this complaint in comparison with that of recent preceding years,

## Immunisation against Diphtheria.

The following table shows the number of children under 15 years of age who have been immunised in Coventry since 1929:—

|       |     |     |       |      |     |     |        |
|-------|-----|-----|-------|------|-----|-----|--------|
| 1929  | ... | ... | 1,171 | 1937 | ... | ... | 688    |
| 1930  | ... | ... | 234   | 1938 | ... | ... | 188    |
| 1931  | ... | ... | 157   | 1941 | ... | ... | 1,424  |
| 1932  | ... | ... | 185   | 1942 | ... | ... | 11,379 |
| 1933  | ... | ... | 427   | 1943 | ... | ... | 4,872  |
| 1934  | ... | ... | 399   | 1944 | ... | ... | 4,325  |
| 1935  | ... | ... | 2,985 | 1945 | ... | ... | 4,438  |
| 1936  | ... | ... | 1,624 | 1946 | ... | ... | 4,687  |
|       |     |     |       | 1947 | ... | ... | 3,337  |
|       |     |     |       |      |     |     | <hr/>  |
| TOTAL |     |     |       |      |     |     | 42,520 |
|       |     |     |       |      |     |     | <hr/>  |

## Tuberculosis.

366 cases of pulmonary and 56 cases of non-pulmonary tuberculosis were notified or re-notified in the city during 1947, of which 223 pulmonary and 22 non-pulmonary were males, and 143 pulmonary and 34 non-pulmonary were females. The comparable total figures for the previous year were 294 and 42 respectively, and for the last pre-war year (1938) 231 and 67 respectively. The number of Coventry patients who at 31st December, 1947, were awaiting admission to Hertford Hill Sanatorium for treatment was 93, of which 42 were males and 51 were females.

## Mass Radiography.

The unit working throughout the Coventry and Warwickshire Local Authorities' areas was responsible for a total of 9,035 examinations in respect of Coventry citizens. Of this latter figure 37 were subsequently found to be actively infected with pulmonary tuberculosis.

## Home Visiting.

The tuberculosis visitor made 2,178 domiciliary visitations to newly notified patients in the city and, in addition to offering advice to these cases and actively co-operating when possible with the staff at the Tuberculosis Dispensary concerning the welfare of Coventry patients, she also reported frequently on the home conditions of patients. Thus, by supplementing the informative housing reports regularly supplied by the sanitary inspectorate, many recommendations for priority housing have been made to the Housing Department for tuberculous patients during the year: the consideration afforded by that department has been much appreciated, in view of the many difficulties it has obviously had to contend with in the allocation of available houses generally.

During the year there were 69 Coventry residents who applied for tuberculosis allowances and of these, 25 were granted.

## Venereal Diseases.

During 1946 the peak year of incidence, there were 1,470 new cases who attended the treatment centre and it is gratifying to report a considerable decrease in the equivalent figure for 1947, which was 1,190. Of the latter number no less than 711 were found to be non-venereal after routine testing. Further details of the treatment afforded to Coventry patients at the Local Authority's treatment centre at the Coventry and Warwickshire Hospital are given in the appended table on page 52.

The work of the venereal diseases social worker continues quietly and efficiently and during the year this officer made some 257 visits or revisits to patients who had defaulted at the treatment centre; she was also instrumental in persuading sufferers or "contacts" to make use of the clinic facilities which are provided for their advantage.

## Maternity and Child Welfare.

There was a total of 63,532 attendances at the 18 welfare clinics throughout the City during the year (1946—65,079), while those at the 7 ante-natal clinics reached 12,186, as compared with 11,489 during the preceding year, *i.e.* an increase of 697. It is to be noted that the corresponding figure for 1945 was at 8,283, and this affords some idea of the increasing popularity of the service, but at the same time tends to lay further stress upon the desirability of having adequate facilities available in this City to deal with those cases needing hospitalisation. There were 25 maternity beds available at Gulson Road Municipal Hospital in 1947 and the number of births registered during the year 928 (1946—1,066). A further 25 beds at Allesley House annexe catered for mothers who were convalescing from their recent confinements. The Coventry and Warwickshire Hospital had a further 25 maternity beds and, of these, 6 were available for the municipal service when required.

The municipal domiciliary midwifery service, in which 41 midwives were occupied during 1947, dealt with 2,922 cases, an increase of 515 over the preceding year. The majority of midwives are certified as proficient in the use of gas and air analgesia, and, generally speaking, use the apparatus whenever desirable. There were 5,643 births registered in the City during 1947, as compared with 5,225 during the preceding year, and the former figure is the highest ever recorded in Coventry.

In addition to the foregoing hospital and domiciliary midwifery services, the following nursing homes were on the register in 1947. (The first figure in brackets denotes the number of maternity beds registered with the Local Authority and the



second figure, the number of births occurring in the particular home during 1947).

|  |     |     |          |
|--|-----|-----|----------|
| Hollies Nursing Home,<br>7, Park Road              | ... | ... | (7: 168) |
| Sunnyside Nursing Home,<br>63, St. Nicholas Street | ... | ... | (9: 227) |
| Laurels Nursing Home,<br>3, Middleborough Road     | ... | ... | (6: 96)  |
| Bassett Nursing Home,<br>2, Bassett Road           | ... | ... | (5: 114) |
| Beechurst Nursing Home,<br>Stoke Green             | ... | ... | (2: 34)  |
| Grenville Nursing Home,<br>21, Grenville Avenue... | ... | ... | (2: 3)   |

### Care of Premature Infants.

In accordance with Ministry of Health Circular 20/44, routine arrangements were made in this connection and have continued to operate as follows :—

The notification of all infants under  $5\frac{1}{2}$  lbs. at birth.

The availability of four premature baby sets, consisting of Treasure cot fitted with pockets for hot water bottles, rubber hot water bottles, mackintosh-covered flock pillow, two Gamgee sheets (for use by the Municipal Midwives).

Each midwife is supplied with two Gamgee sheets and a maternity outfit for special use.

Oxygen supplies are available at the Health Department for any doctor or midwife.

Special carry cots are available at the Ambulance Station and are transported to houses as required.

The service of a consultant pædiatrician are available to any medical practitioner in the City on request.

During 1947 the work done in connection with premature babies is shown in the following table :—

1. The number of premature babies notified was 303.
2. Of these, 160 were born at home and 143 in hospital.
3. Of those born at home (160), 9 died in the first 24 hours and 150 were alive at the expiration of one month.
4. Of those born in hospital (143), 6 died in the first 24 hours and 134 were alive at the expiration of one month.

### Care of Illegitimate Children.

In accordance with Ministry of Health Circular 2866, the names of all unmarried mothers attending ante-natal clinics or calling in a municipal midwife are notified to the Health Depart-

ment. The Child Protection Health Visitor visits all such cases and also visits the hospitals weekly to follow up emergency cases. She makes arrangements, where necessary, for the care of mother and baby on discharge from the hospital. Eleven expectant mothers were sent to special homes by the Council for their confinements during 1947.

### **Home Help Service.**

This service, which was inaugurated in Coventry in 1945, continues from strength to strength and has performed sterling work in tending to the domestic needs of harassed enquirers either in the sphere of midwifery or in that of sickness and old age.

During the year under review there were some 365 cases dealt with by 39 home helps. There is ample evidence to suggest that this popular service may extend quite appreciably as time goes on.

### **Sick Room Appliances.**

A stock of sick-room appliances is maintained at the Central Infant Welfare Centre. During the year, 421 appliances were loaned out to the public.

### **Day Nurseries.**

There are still nine day nurseries in Coventry and these are persistently "working to capacity audiences." There is little doubt but that this service meets a distinct need in this highly industrialised city, and, during the year, there were always sizeable lists of children awaiting their turn for admission to such of those places as fell vacant in the respective nurseries from time to time.

In 1947 there were 447 children on the nursery registers and they accounted for 81,378 attendances during the year.

Work on the new Foleshill Day Nursery was well advanced by the turn of the year and its opening was confidently expected in the early part of 1948. (N.B.—It can now be recorded that the opening ceremony took place on 17th July, 1948, and one can well imagine that this "semi-permanent" nursery building must be one of the best of its type in the country at the present time: it is a big advance on the standard type of war-time day nursery).

### **Residential Nursery Accommodation.**

During the year a limited number of places were available in the nurseries maintained by the Social Welfare Department to children recommended for short-stay periods by the Health Department. Admissions were as follows:—

|                                    |     |    |
|------------------------------------|-----|----|
| Keresley Manor Residential Nursery | ... | 84 |
| Stoke House Receiving Home         | ... | 43 |

## The Work of the Municipal General Hospital.

I am indebted to the Medical Superintendent—Dr. A. Seddon—for the following report :—

During 1947 the hospital continued to admit urgent and emergency cases. These comprise the majority of admissions.

The increase in the number of operations, the number of attendances in the Casualty Ward (which is never closed) and in the out-patient department, together with the large increase in the work of the X-ray Department, reflect the change in the work the hospital is now doing compared to that of pre-war years.

The work is of an exacting nature—the hospital is busy, with large and quick “ turnover.” The work is still carried out under difficulties left over from the war period. When various suggestions as outlined below can be proceeded with the conditions will be improved. It has been financially impossible to proceed with some of these plans, but it is hoped that permission will soon be given to carry on with them. Also the opening of the children’s ward\*, which is probable early in the New Year, and the engagement of a pædiatrician† will be most valuable.

The schemes referred to are :—

*A lift* to service Cleaver and Allen wards.

*X-ray Department*—provision of waiting room and new dark room, etc.

*Stores and Offices.*

*Casualty Ward*—side ward to be converted into a second operating theatre.

The new out-patient and physiotherapy departments are nearing completion and will be in use early in the New Year.

Additional consulting staff was appointed as from 1st July, 1947, composed of the following specialists :—

Dr. J. C. Heather—Physician.

Dr. A. J. Watson—Traumatic Surgeon.

Mr. H. R. Duval—Obstetrician.

Dr. J. E. Glasgow, Radiologist.

Mr. T. H. Berrill continues as General Surgeon and Dr. Edmundson as Assistant.

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\* This ward was opened in December, 1947

† A pædiatrician was appointed in December, 1947



Mr. C. L. Harris, L.D.S., attends regularly as Hospital Dentist.

*X-ray Department.* Mr. Murphy is in charge of a very busy department. In addition to an annexe, another new X-ray plant is required to cope with the increasing work. Photographic work, including prints and lantern slides for nurses' lectures, is expertly done by Mr. Murphy. The epidiascope has proved invaluable to lecturers. The student nurses and student midwives find that lectures illustrated by epidiascope are most helpful.

It is hoped that in the New Year an electro-cardiograph† will be purchased.

All members of the staff deserve thanks for good work done and for their admirable *esprit de corps*.

### Statistics for 1947.

|  |     |     |         |
|--|-----|-----|---------|
| No. of patients admitted ...                 | ... | ... | 4,147   |
| No. of births in hospital ...                | ... | ... | 928     |
| No. of discharges and transfers ...          | ... | ... | 4,896   |
| No. of deaths occurring ...                  | ... | ... | 338     |
| No. of patients remaining in at year-end ... | ... | ... | 224     |
| No. of patient days ...                      | ... | ... | 78,598  |
| Average duration of stay ...                 | ... | ... | 15 days |
| No. of out-patients ...                      | ... | ... | 1,895   |
| No. of casualties ...                        | ... | ... | 10,945  |
| No. of out-patient attendances ...           | ... | ... | 17,920  |
| No. of casualty attendances ...              | ... | ... | 18,450  |

#### ALLESLEY HOUSE.

No. of admissions (transfers from Municipal Hospital :—

|             |     |     |     |
|-------------|-----|-----|-----|
| Mothers ... | ... | ... | 624 |
| Babies ...  | ... | ... | 619 |

#### ALLESLEY HALL.

No. of admissions (transfers from Municipal Hospital) ...

657

### City Ambulance Service.

This service, which was previously accommodated under difficult conditions at Wheatley Street Schools was, with the much appreciated co-operation of the Gas Engineer and Manager, able to move to more suitable depôt accommodation in Abbots Lane as a further temporary expedient pending the eventual fulfilment of co-ordinated arrangements with the Hospital Saturday Fund at their Swanswell Terrace Depôt.

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† An electro-cardiograph has been supplied

The number of personnel available to the City Ambulance Service during the year was 34, and consisted of the Superintendent, together with 3 shift leaders and a further 24 men and 6 women.

The available vehicles numbered six ambulances, one car for sitting cases, and one utility vehicle.

The number of cases dealt with by the City Ambulance Service during the year was 9,740.

### **City Isolation Hospital.**

I am indebted to Dr. J. J. Galpine, Medical Superintendent of the City Isolation Hospital, for the following report upon that hospital's activities during the year 1947 :—

“The outstanding epidemiological event was, of course, the incidence of poliomyelitis. The poliomyelitis cases were notable for the high incidence of non-paralytic cases and the comparatively high proportion of adolescents and adults. The only death was due to bulbar involvement and respiratory failure. Another bulbar case—following tonsillectomy, but the only case showing such a sequence in this district that I know of—nearly died, but after a very stormy passage (involving use of the mechanical respirator) just made the grade and finally recovered well.

Another matter worthy of note is the number of infants we admit with the diarrhoea and vomiting syndrome. A variable number of these on examination prove to have upper respiratory infection, often with otitis media and even involvement of the mastoid antrum with or without necrosis of bone. Whether this—in the cases where such infection is present—is causal (and the diarrhoea and vomiting therefore wholly parenteral) or whether there is a primary internal infection of undetermined aetiology with superimposed ear infection seems as yet undecided and argument sometimes waxes hot between the opposed views. In any case ear infection, if present, requires treating. Nursing of sick babies is an exacting occupation and our policy is not to overload our baby accommodation and thus risk a breakdown in nursing attention. This sometimes involves refusing admission to a sick baby, but it is better to do this than to jeopardise the nursing of other sick infants already under treatment.

Scarlet fever, or perhaps more correctly, the scarlatinal syndrome, remains on the whole a mild disease, and our policy is not to admit unless imperative for reasons of severity of illness or complications. Scarlet fever in general has probably no greater claim to hospitalisation than other acute (hæmolytic-streptococcal) upper respiratory infections without a rash.

Diphtheria is much reduced in numbers, though an occasional severe case has occurred in 1947.

Broadly speaking, our primary function now is the nursing and treatment of selected cases of a variety of infections rather than the wholesale isolation of numbers of the same infection. This implies a need for the maximum amount of chamber (cubicle) accommodation, each room containing one or two beds. We are short of cubicles at present, but I am hopeful that the scheme for converting an open ward into cubicles will be implemented before long to the great benefit of this hospital's efficiency and usefulness.”

## Statistics for 1947.

|                                    |     |     |     |
|------------------------------------|-----|-----|-----|
| Number of patients treated in 1947 | ... | ... | 879 |
| „ admitted from outside the City   | ... | ... | 45  |
| „ of deaths                        | ... | ... | ... |

### CASES ADMITTED TO ISOLATION HOSPITAL DURING 1947.

|                               |    |     |                               |    |   |
|-------------------------------|----|-----|-------------------------------|----|---|
| Scarlet fever                 | .. | 167 | Acute mastoiditis             | .. | 3 |
| Gastro-enteritis              | .. | 124 | Thrush                        | .. | 2 |
| Diphtheria                    | .. | 125 | Acute laryngitis              | .. | 2 |
| Acute anterior poliomyelitis  | .. | 48  | Abcess of neck                | .. | 2 |
| Admitted as meningitis        | .. | 47  | Typhoid carriers              | .. | 2 |
| Measles                       | .. | 39  | Encephalitis                  | .. | 2 |
| Admitted as pneumonia         | .. | 39  | Dermatitis                    | .. | 2 |
| Whooping cough                | .. | 29  | Dysentery                     | .. | 2 |
| Puerperal pyrexia             | .. | 23  | Bronchitis                    | .. | 2 |
| Rubella                       | .. | 20  | Vineents angina               | .. | 2 |
| Baby with mother              | .. | 19  | Acute spasmodic laryngitis    | .. | 2 |
| Acute tonsillitis             | .. | 19  | Neo-natal sepsis              | .. | 2 |
| Meningococcal meningitis      | .. | 19  | Measles with whooping cough   | .. | 2 |
| Measles and broncho-pneumonia | .. | 17  | Cellulitis                    | .. | 2 |
| Typhoid fever                 | .. | 11  | Whooping cough and pneumonia  | .. | 2 |
| Chicken pox                   | .. | 10  | Gonorrhoea                    | .. | 2 |
| Erysipelas                    | .. | 10  | Post measles encephalitis     | .. | 1 |
| Pomphigus neonatorum          | .. | 10  | Septic abortion               | .. | 1 |
| Mother with baby              | .. | 9   | P.U.O.                        | .. | 2 |
| T.B. Meningitis               | .. | 9   | Post lumbar puncture headache | .. | 1 |
| Observation                   | .. | 8   | Infective hepatitis           | .. | 2 |
| Ophthalmic neonatorum         | .. | 6   | Glandular fever               | .. | 1 |
| Parotitis                     | .. | 4   | Measles with appendicitis     | .. | 1 |
| Impetigo                      | .. | 4   | Sub-acute rheumatism          | .. | 1 |
| Influenza                     | .. | 3   | Chicken-pox and pneumonia     | .. | 1 |
| Acute pharyngitis             | .. | 3   | Arsenical dermatitis          | .. | 1 |
| Stomatitis                    | .. | 3   | Bleeding tooth socket         | .. | 1 |
| Laryngeal diphtheria          | .. | 3   | Acute pleurisy                | .. | 1 |
| Broncho-pneumonia             | .. | 3   | Acute sinusitis               | .. | 1 |

### DEATHS DURING 1947.

|                                      |    |    |  |    |   |
|--------------------------------------|----|----|--|----|---|
| Gastro enteritis                     | .. | 15 | Whooping cough, broncho-pneumonia, convulsions | .. | 1 |
| T.B. meningitis                      | .. | 8  | Measles, broncho-pneumonia and otitis media    | .. | 1 |
| Mastoiditis                          | .. | 7  | Sepsis neonatorum                              | .. | 1 |
| Whooping cough and broncho pneumonia | .. | 7  | Cerebral hæmorrhage                            | .. | 1 |
| Broncho-pneumonia                    | .. | 5  | T.B. meningitis and miliary T.B.               | .. | 1 |
| Acute pneumonia                      | .. | 3  | Broncho-pneumonia and mongolism                | .. | 1 |
| Meningococcal meningitis             | .. | 3  | Acute heart failure due to whooping cough      | .. | 1 |
| Pharyngeal diphtheria                | .. | 2  | Nephroblastoma                                 | .. | 1 |
| Congenital syphilis                  | .. | 2  | Acute anterior poliomyelitis                   | .. | 1 |
| Typhoid fever                        | .. | 1  |  |    |   |
| Amoebic dysentery                    | .. | 1  |  |    |   |
| Prematurity                          | .. | 1  |  |    |   |
| Puerperal septicæmia                 | .. | 1  |  |    |   |
| Infantile marasmus                   | .. | 1  |  |    |   |

### Mental Health.

As from May 1st, 1947, a separate section known as the Mental Welfare Section was inaugurated in the Health Department for administrative convenience. All mental deficiency and mental treatment duties were integrated in this section. A senior clerk was appointed to take charge and two other clerks were allocated to the section.

At a later stage the work in connection with the Blind Persons Acts, 1920 and 1938, was concentrated in this section of the department and the Blind Home Teacher was transferred there from the Coventry Voluntary Association for the Blind.

All work in connection with blind home workers, the unemployable blind and general welfare of the blind was centralised in the department during the course of the year.

## Mental Deficiency Acts.

Table shewing Classification of all Mental Defectives on Register at 1st January, 1948, and how dealt with.

| Classification.    | In Institutions. |     |       | Under Guardianship. |    |       | Under supervision in own homes. |     |       | Grand Totals. |     |       |
|--------------------|------------------|-----|-------|---------------------|----|-------|---------------------------------|-----|-------|---------------|-----|-------|
|                    | M.               | F.  | Total | M.                  | F. | Total | M.                              | F.  | Total | M.            | F.  | Total |
| Feeble-minded ..   | 62               | 70  | 132   | 5                   | 7  | 12    | 141                             | 123 | 264   | 208           | 200 | 408   |
| Imbeciles ..       | 33               | 30  | 63    | 3                   | 6  | 9     | 48                              | 35  | 83    | 84            | 71  | 155   |
| Idiots ..          | 9                | 6   | 15    | 1                   | 1  | 2     | 6                               | 3   | 9     | 16            | 10  | 26    |
| Moral Imbeciles .. | 1                | 1   | 2     | ..                  | .. | ..    | ..                              | ..  | ..    | 1             | 1   | 2     |
| TOTALS ..          | 105              | 107 | 212   | 9                   | 14 | 23    | 195                             | 161 | 356   | 309           | 282 | 591   |

Totals do not include 26—(8 males, 18 females) on licence from Institutions.

## Mental Treatment Acts, 1930.

Under this Act treatment in a mental hospital or an institution is available without prior certification to persons of unsound mind who are accepted as voluntary applicants for treatment, or for whom temporary treatment is recommended by their medical advisers.

During 1947 the facilities under this Act were utilised as follows :—

|   |           |     |
|---|-----------|-----|
| 1—No. of patients in Central Hospital, Hatton, under this Act on Jan. 1st, 1947 | Voluntary | 120 |
|   | Temporary | 2   |
| 2—No. of patients admitted during 1947 ...                                      | Voluntary | 241 |
|   | Temporary | 4   |
| 3—No. of patients discharged or died ...  | Voluntary | 185 |
|   | Temporary | 4   |
| 4—No. of patients remaining in Hospital at 31st December, 1947 ...              | Voluntary | 176 |
|   | Temporary | 2   |

Of the 245 patients admitted in the year, 30 had previously received treatment in a mental hospital. The average length of stay in hospital of the 189 discharges or deaths was 60 days.

## Blind Persons Act.

### Age periods of Registered Blind Persons.

|                 | <i>Male</i> | <i>Female</i> | <i>Total</i> |
|-----------------|-------------|---------------|--------------|
| Age Period 0— 1 | —           | —             | —            |
| „ „ 1— 5        | 2           | —             | 2            |
| „ „ 5—16        | 9           | 4             | 13           |
| „ „ 16—21       | 4           | 2             | 6            |
| „ „ 21—40       | 20          | 14            | 34           |
| „ „ 40—50       | 9           | 8             | 17           |
| „ „ 50—65       | 31          | 22            | 53           |
| „ „ 65—70       | 15          | 27            | 42           |
| „ „ 70 & over   | 55          | 86            | 141          |
| „ Unknown       | 2           | 1             | 3            |
| TOTAL           | 147         | 164           | 311          |

### Ages at which Blindness occurred.

|                 | <i>Male</i> | <i>Female</i> | <i>Total</i> |
|-----------------|-------------|---------------|--------------|
| Age Period 0— 1 | 17          | 11            | 28           |
| „ „ 1— 5        | 2           | 4             | 6            |
| „ „ 5—10        | 7           | 3             | 10           |
| „ „ 10—20       | 7           | 6             | 13           |
| „ „ 20—30       | 16          | 7             | 23           |
| „ „ 30—40       | 8           | 10            | 18           |
| „ „ 40—50       | 17          | 10            | 27           |
| „ „ 50—60       | 18          | 20            | 38           |
| „ „ 60—70       | 25          | 47            | 72           |
| „ „ 70 & over   | 27          | 45            | 72           |
| „ Unknown       | 3           | 1             | 4            |
| TOTAL           | 147         | 164           | 311          |

## Housing.

The year under review has seen no diminution in the spate of applicants requesting housing accommodation and priority on account of sanitary circumstances or on medical grounds. All enquiries have been fully dealt with and reported upon, either by the district inspectors and/or health visitors in the first instance. Further appropriate action has been taken by these officers and other departmental staff, where necessary, either to remedy existing defects, assist through the related social services, or to gain fully comprehensive information prior to application being made to the Housing Department for consideration in respect of housing needs and priorities.



The housing superintendent has kindly supplied the following data in respect of housing during 1947 :—

|  |     |     |     |     |        |
|--|-----|-----|-----|-----|--------|
| Number of applicants on waiting list, 1st April, 1947                    | ... | ... | ... | ... | 10,776 |
| Number of applicants on waiting list, 31st March, 1948                   | ... | ... | ... | ... | 13,640 |
| Number of families housed during the year ended 31st March, 1948         | ... | ... | ... | ... | 687    |
| Number of houses erected during the year ended 31st March, 1948 :—       |     |     |     |     |        |
| Permanent houses   | ... | ... | ... | ... | 341    |
| Prefabricated houses   | ... | ... | ... | ... | 126    |
| Number of houses voluntarily closed                                      | ... | ... | ... | ... | 20     |
| Number demolished  | ... | ... | ... | ... | 15     |
| Number demolished due to extensive damage during the war by enemy action | ... | ... | ... | ... | 147    |

### Public Water Supply.

I am indebted to the Water Engineer and Manager for the following information as to the City's water supply :—

|  |     |     |     |         |
|--|-----|-----|-----|---------|
| Houses with water supply laid in   | ... | ... | ... | 67,116  |
| Houses supplied by standpipe or similar means                              |     |     |     | 1,220   |
|  |     |     |     | <hr/>   |
| Total houses   | ... | ... | ... | 68,336  |
|  |     |     |     | <hr/>   |
| Population supplied direct   | ... | ... | ... | 242,960 |
| Population obtaining mains supply by standpipe or other means (not direct) | ... | ... | ... | 4,416   |
|  |     |     |     | <hr/>   |
| Total population supplied  | ... | ... | ... | 247,376 |

The supply has been satisfactory (a) in quality, and (b) in quantity for essential purposes. Legislation during the past year has given Coventry powers to abstract additional water from the River Avon, and an order of the Minister of Health has made adjustments in Birmingham's compensation water commitments in the Wye Valley, which secure to Coventry an additional supply of one million gallons per day from Birmingham in emergency.

The appendix given below contains information as to the frequency of bacteriological and chemical examinations of water from the various sources of supply.

The waters are not liable to have plumbo-solvent action.

No special action has been necessary to meet any contamination of underground sources of supply. Chlorinating equipment is installed at all Pumping Stations for emergency use. The pumping of water into supply from the Ryton Waterworks has been suspended at periods when conditions in the River Avon made treatment particularly difficult.

## Chemical and Bacteriological Analyses.

|                                     | <i>Samples from</i>      | <i>Frequency of Examination</i>   | <i>Laboratory</i>                                   |
|-------------------------------------|--------------------------|---|---|
| <b>Bacteriological Examinations</b> | All underground supplies | Twice weekly  | Undertaking's own Laboratory                        |
|                                     |                          | Fortnightly   | Coventry Joint Laboratory                           |
|                                     |                          | Monthly   | Birmingham University                               |
| <b>Chemical Examinations</b>        | Ryton Waterworks         | Daily<br>Fortnightly<br>Monthly   | As above  |
|                                     | Distribution System      | 6 samples each week   | Undertaking's own Laboratory                        |
|                                     | All underground supplies | Fortnightly<br>Full chemical and mineral periodically                             | Coventry Laboratory<br>Undertaking's own Laboratory |
| <b>Chemical Examinations</b>        | Ryton Waterworks         | Partial analysis daily  | Undertaking's own Laboratory                        |
|                                     |                          | Full analysis weekly  | „   |
|                                     |                          | Full chemical and Bacteriological analyses at various stages of treatment monthly | „   |
|                                     |                          | Fortnightly   | Coventry Laboratory                                 |

## Sanitary Inspection of the Area, Supervision of Food Supplies, Factory Act, 1937, etc.

The following information as to the work carried out during 1947 by the Sanitary Inspectorate is submitted by the Chief Sanitary Inspector :—



## SANITARY INSPECTION OF DISTRICT.

That portion of the work of the Health Department connected with nuisances in and around dwellings and with property improvements can best be set out in tabular form. The figures in relation to these matters for the year are as follows:—

| DRAINAGE AND PAVEMENT.  |     | 1946. | 1947. |
|---|-----|-------|-------|
| Drains opened and cleansed from obstruction ...               | ... | 1690  | 1913  |
| Drains provided with efficient traps ...                      | ... | 25    | 30    |
| New Drains, inspection and intercepting chambers provided ... | ... | 72    | 45    |
| Drains relaid ...   | ... | 97    | 98    |
| Soil pipes and ventilating shafts improved or repaired ...    | ... | 54    | 46    |
| Rain water pipes disconnected from the sewer ...              | ... | 2     | 1     |
| Courts and back yards paved and repaired ...                  | ... | 45    | 21    |
| Sink drains disconnected from the sewer ...                   | ... | 3     | 3     |

## DWELLINGS.

|  |     |     |      |
|--|-----|-----|------|
| Floors of dwellings relaid or repaired ...                           | ... | 431 | 367  |
| Dilapidated walls and ceilings repaired ...                          | ... | 901 | 1158 |
| Damp walls—Damp courses inserted ...                                 | ... | 21  | 12   |
| Repointed or cement rendered ...                                     | ... | 81  | 124  |
| Roofs repaired and made weatherproof ...                             | ... | 655 | 895  |
| Dangerous stairs repaired ...  | ... | 30  | 28   |
| Additional windows provided and others repaired and made to open ... | ... | 245 | 293  |
| Defective guttering repaired ...                                     | ... | 311 | 424  |
| Houses provided with food stores ...                                 | ... | —   | —    |
| Existing pantries provided with external ventilation ...             | ... | —   | —    |
| Sculleries provided or reconstructed or enlarged ...                 | ... | —   | —    |
| Wash houses provided ...   | ... | —   | —    |
| New sinks provided ...   | ... | 23  | 15   |
| New waste pipes provided and others repaired ...                     | ... | 136 | 32   |
| Foul cellars cleansed and defects in drains remedied ...             | ... | 33  | 29   |
| Houses limewashed and cleansed ...                                   | ... | 20  | 23   |
| Houses cleansed after infectious disease ...                         | ... | —   | 10   |
| Verminous houses and furniture disinfested ...                       | ... | 184 | 144  |
| Cases of overcrowding remedied ...                                   | ... | 5   | 60   |

## WATER CLOSETS AND URINALS.

|   |     |     |     |
|---|-----|-----|-----|
| Additional water closets provided ...           | ... | 12  | 2   |
| Water closets reconstructed ...                 | ... | 12  | 10  |
| Water closets repaired and limewashed ...       | ... | 73  | 74  |
| Water closets provided with new pedestals ...   | ... | 112 | 278 |
| Water closet pans replaced with pedestals ...   | ... | 83  | 90  |
| Defective joints in flush pipes repaired ...    | ... | 166 | 207 |
| Foul water closet basins and traps cleansed ... | ... | 27  | 19  |
| Defective water closet cisterns repaired ...    | ... | 391 | 230 |
| New flushing cisterns provided ...              | ... | 44  | 76  |
| Urinals cleansed and reconstructed ...          | ... | 1   | 7   |
| Urinals abolished ...                           | ... | —   | —   |

## PRIVIES, CESSPOOLS, ASHPITS AND DUSTBINS.

|  |     |     |     |
|--|-----|-----|-----|
| Cesspools abolished ...  | ... | 54  | 7   |
| Offensive privies or pail closets converted into water closets ... | ... | 12  | 15  |
| Offensive privies or pail closets abolished ...                    | ... | 12  | 3   |
| New water closets erected in place of above ...                    | ... | —   | 1   |
| Offensive ashpits abolished ...                                    | ... | —   | —   |
| Sanitary dustbins provided in place of above ...                   | ... | —   | —   |
| Other houses provided with sanitary dustbins ..                    | ... | 692 | 568 |

| VARIOUS:   |     |     |     | 1946.      | 1947.      |
|--|-----|-----|-----|------------|------------|
| Smoke nuisances dealt with                       | ... | ... | ... | 30         | 8          |
| Nuisances from animals kept, abated              | ... | ... | ... | 15         | 23         |
| Offensive accumulations removed                  | ... | ... | ... | 410        | 240        |
| Courts and back yards cleansed by tenants        | ... | ... | ... | 50         | 13         |
| Gipsy tents and caravans removed                 | ... | ... | ... | 33         | 141        |
| Cowshed improvements                             | ... | ... | ... | 4          | 2          |
| Dairies reconstructed or improved                | ... | ... | ... | 8          | 3          |
| Water supply—additional taps provided            | ... | ... | ... | 8          | 9          |
| Polluted wells dispensed with                    | ... | ... | ... | 7          | 3          |
| Town water supplied in place of well water       | ... | ... | ... | 18         | 3          |
| Offensive ditches cleansed                       | ... | ... | ... | 17         | 10         |
| Miscellaneous                                    | ... | ... | ... | 836        | 1116       |
| Improvements effected at factories               | ... | ... | ... | 4          | 2          |
| Improvements effected at shops and food premises | ... | ... | ... | 10         | 10         |
| Bombed sites cleared                             | ... | ... | ... | 60         | 43         |
| Drains sealed on bombed sites                    | ... | ... | ... | 10         | 3          |
|  |     |     |     | <hr/> 8275 | <hr/> 9005 |

|   | 1938   | 1939   | 1940  | 1941  | 1942   | 1943  | 1944  | 1945  | 1946  | 1947  | Totals. |
|---|--------|--------|-------|-------|--------|-------|-------|-------|-------|-------|---------|
| No. of drains opened and cleansed from obstruction... | 638    | 880    | 1277  | 1890  | 2214   | 2362  | 2037  | 2014  | 1690  | 1913  | 16,915  |
| drains provided with efficient traps ...              | 271    | 132    | 22    | 19    | 29     | 23    | 5     | 14    | 25    | 30    | 570     |
| new drains provided to premises ...                   | 523    | 325    | 177   | 270   | 294    | 156   | 75    | 53    | 72    | 45    | 1,990   |
| silk drains disconnected from the sewer ...           | —      | —      | 1     | —     | —      | 2     | 1     | —     | 3     | 3     | 10      |
| new sinks provided and others repaired ...            | 559    | 337    | 80    | 19    | 46     | —     | 12    | 12    | 136   | 47    | 1,248   |
| floors and walls of houses repaired ...               | 1979   | 1979   | 602   | 23    | 85     | 291   | 499   | 716   | 1332  | 1525  | 9,031   |
| roofs of houses repaired and made weatherproof        | 512    | 833    | 468   | 43    | 117    | 209   | 305   | 467   | 655   | 895   | 4,504   |
| defective spouts repaired ...                         | 360    | 433    | 1435  | 28    | 64     | 101   | 151   | 200   | 311   | 424   | 3,507   |
| houses limewashed and cleansed ...                    | 290    | 144    | 42    | 92    | —      | 19    | 21    | 15    | 20    | 23    | 666     |
| houses cleansed after infectious disease ...          | 13     | 3      | 3     | —     | —      | 1     | 7     | 4     | —     | 10    | 41      |
| offensive privies or pail closets converted into      |        |        |       |       |        |       |       |       |       |       |         |
| water closets ...                                     | 17     | 7      | 28    | —     | —      | 6     | 50    | 7     | 12    | 15    | 142     |
| offensive privies or pail closets abolished ...       | 40     | 19     | 1     | 11    | 19     | —     | —     | 4     | 12    | 3     | 109     |
| new water closets erected in place of above ...       | 60     | 1      | 1     | —     | —      | —     | —     | —     | —     | 1     | 63      |
| additional new water closets provided ...             | 136    | 86     | 12    | —     | 6      | 9     | 9     | 16    | 12    | 2     | 288     |
| water closets provided with new cisterns ...          | 262    | 144    | 103   | 25    | 46     | 40    | 48    | 55    | 44    | 76    | 843     |
| " " " " pedestal pans ...                             | 87     | 67     | 81    | 43    | 269    | 165   | 173   | 163   | 112   | 368   | 1,528   |
| foul water closet drains cleansed ...                 | 83     | 95     | 94    | 95    | 114    | 47    | 22    | 38    | 27    | 19    | 634     |
| defective water closet cisterns, etc., repaired ...   | 755    | 685    | 633   | 251   | 378    | 361   | 248   | 283   | 391   | 239   | 4,224   |
| offensive ashpits abolished ...                       | 34     | 1      | —     | 1     | —      | —     | —     | 2     | —     | —     | 38      |
| sanitary dustbins provided in place of above ...      | 106    | —      | 17    | 2     | —      | —     | —     | 7     | —     | —     | 132     |
| " " " " to other premises ...                         | 958    | 966    | 619   | 119   | 364    | 551   | 555   | 580   | 692   | 568   | 5,972   |
| urinals cleansed, repaired and reconstructed ...      | 4      | —      | 2     | —     | 4      | —     | 1     | —     | 1     | 7     | 19      |
| courts and backyards paved and repaired ...           | 269    | 227    | 40    | 23    | 41     | 40    | 43    | 33    | 45    | 21    | 782     |
| nuisances from animals kept, abated ...               | 30     | 48     | 11    | 18    | 24     | 12    | 11    | 27    | 15    | 23    | 219     |
| offensive accumulations removed ...                   | 257    | 358    | 283   | 1807  | 4730   | 2127  | 697   | 792   | 410   | 249   | 11,710  |
| smoke nuisances dealt with ...                        | 29     | 16     | —     | —     | —      | 1     | 4     | 4     | 30    | 8     | 92      |
| cases of overcrowding dealt with ...                  | 51     | 21     | 7     | 5     | —      | —     | —     | —     | 5     | 60    | 149     |
| vent and soil pipes removed or replaced and           |        |        |       |       |        |       |       |       |       |       |         |
| miscellaneous sanitary improvements effected          | 3108   | 3424   | 1835  | 2581  | 3537   | 3005  | 2539  | 1973  | 2223  | 2431  | 26,656  |
|   | 11,431 | 11,231 | 7,874 | 7,365 | 12,381 | 9,528 | 7,513 | 7,479 | 8,275 | 9,005 | 92,082  |

# Summary of other Miscellaneous Work

## FOR THE PAST TEN YEARS.

|  | 1938  | 1939  | 1940  | 1941  | 1942  | 1943  | 1944  | 1945  | 1946  | 1947  |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| No. of visits and revisits to premises ...                                       | 44211 | 44328 | 36719 | 45088 | 58086 | 44861 | 44572 | 39009 | 41747 | 41309 |
| " drains tested ...  | 783   | 562   | 348   | 178   | 368   | 437   | 353   | 259   | 260   | 207   |
| " visits respecting infectious diseases ...                                      | 668   | 1012  | 720   | 291   | 620   | 2073  | 1052  | 691   | 437   | 560   |
| " notices issued for abatement of nuisances including informal and statutory ... | 4153  | 3747  | 2364  | 2444  | 2354  | 2769  | 2725  | 3428  | 3965  | 3950  |
| " statutory notices not complied with at the close of the year ...               | 6     | 1     | —     | —     | 2     | 3     | 1     | 1     | 6     | 6     |
| " summonses issued for non-compliance with notices served to abate nuisances ... | 4     | —     | —     | —     | 6     | —     | —     | —     | —     | 1     |
| " registered premises under supervision ...                                      | 1403  | 2047  | 2541  | 2738  | 2210  | 2165  | 2118  | 2118  | 2145  | 2180  |
| " visits paid to registered premises ...   | 1717  | 3083  | 2796  | 978   | 2077  | 2275  | 3622  | 2016  | 2163  | 2216  |
| " references to City Engineer ...  | 208   | 281   | 399   | 719   | 454   | 2075  | 1538  | 1222  | 1053  | 1134  |
| " references to Water Manager ...  | 22    | 178   | 241   | 125   | 307   |       |       |       |       |       |
| " references to Education Department ...   | 1052  | —     | —     | —     | —     | —     | —     | —     | —     | —     |

## Sanitary Provision and Refuse Disposal.

The estimated number of sanitary conveniences existing at the close of the year is shown below :—

|  |     | <i>December,<br/>1946.</i> | <i>December,<br/>1947.</i> |
|--|-----|----------------------------|----------------------------|
| Number of water closets in houses,<br>institutions, schools, factories and<br>work-places in the City... | ... | 86,713                     | 88,088                     |
| Number of privy middens  | ... | 86                         | 86                         |
| " " pail closets   | ... | 523                        | 505                        |
| " " ash pits   | ... | 22                         | 22                         |
| " " cesspools  | ... | 463                        | 456                        |

Refuse collection and disposal are carried out under the direction of the City Engineer. Most of the refuse, about three-quarters, is disposed of by controlled tipping, the remainder is destroyed by incineration at the City's refuse destructor.

The quantity collected during the year was 52,084 tons. Of this, 17,219 tons was destroyed at the refuse destructor and the remainder, 34,865 tons, was disposed of by controlled tipping.

The provision of " D " type galvanised iron dustbins for the reception of refuse is enforced; there are, however, still 22 ashpits in the City.

Eighteen pail closets and seven cesspools were abolished in the Binley area, where the branch sewer was extended about 12 months ago; nearly the whole of this area is now connected up with the sewer; a few pail closets still remain but the work of converting them to water closets is still proceeding.

The laying of the branch sewer in the Walsgrave area is now in progress and it is anticipated that the work of the conversion of pail closets into water closets, the redrainage of all properties and the abolition of cesspools in the Walsgrave area will be commenced in earnest during the coming year.

## Complaints, Nuisances and Housing Defects.

The number of complaints, including complaints respecting nuisances, housing defects and overcrowding, food complaints, etc., received during the year exceeded the previous year's record of 7,622 by 1,142.

The majority of the complaints received were in connection with overcrowding, nuisances and sanitary defects.

## Overcrowding and Re-housing.

In instances of alleged overcrowding, the Inspector's reports of the most acute cases are referred to the Housing Department for consideration by the Housing Committee with a view to



priority being given in the allocation of a Corporation house. Particulars as to the number of houses erected during the year, number of families re-housed, and number of applicants on waiting list, are set out under the heading "Housing" (*vide* page 19).

The acute position still existing with regard to the supply of building materials and suitable labour is holding up the work of house building and is also rendering the work of maintenance and repair of existing houses very difficult. In order to reserve material for house building, the work of complete reconditioning and improving the amenities at existing houses is also held up, only essential repairs being possible.

### **Drainage, Abolition of Cesspools, etc.**

The residents in the areas which were added to the city in 1932, including Binley, Walsgrave, Willenhall and Wyken, are now reaping the benefits and advantages which have accrued as a result of the annexation. The redrainage of the Binley, Wyken and Willenhall areas is now practically complete. With the exception of one or two isolated cases, all pail closets and cesspools have been abolished and it has been possible to dispense with no less than twelve small sewage disposal plants and connect the outfall to the Sowe Valley Sewer. The branch sewers in the Walsgrave area are under construction, and it will be possible in the early part of the coming year to commence the work of redrainage, abolition of cesspools, etc., in this district.

### **Verminous Premises.**

Where houses are found to be verminous, in most instances tenants are assisted in the eradication of the vermin by verminous rooms being sprayed or fumigated with an insecticide.

During the war the insecticides D.D.T. and Gammexane were used extensively in the services and found to be most effective. These insecticides are now being extensively used for disinfection of dwellings and this has been found more efficacious and less dangerous than disinfection by cyanide gas.

The introduction of D.D.T. improves the killing powers and has a residual insecticidal effect which will continue to destroy flies, for instance, for several months.

## **SOWE VALLEY SEWER.**

### **Binley.**

With the exception of a comparatively short extension of the branch sewer in Brandon Road, the sewerage of this area is now completed.

Further connections to the sewer have been made during the year in Clifford Bridge and Brinklow Roads.

## Walsgrave.

Good progress has been made during the year with the sewer extensions in Anstey Road, Hall Lane, School House Lane and through agricultural land towards Henley Road.

It is anticipated that the work of providing new drainage systems to properties and the abolition of pail closets and cess-pools in this area will commence in the new year.

## SUPERVISION OF FOOD SUPPLIES.

### Food Inspection.

In view of the increase in the incidence of bacterial food poisoning and bacillary dysentery during the war and post-war years, the Ministry of Health called upon Local Authorities to co-operate with the Council for Health Education in combating this menace and at the close of the year negotiations were in progress with the Regional Officer of the Council for a series of lectures to be given to personnel engaged in the handling of food, at canteens, cafés, and restaurants in the city.

During the year the Ice-Cream (Heat Treatment, Etc.) Regulations came into operation, requiring that the ingredients of ice-cream shall be heat-treated prior to sale, and introducing methods of testing the bacterial cleanliness of this product.

## PUBLIC ABATTOIR.

### Summary of Inspections of Carcasses and Organs of Animals Slaughtered.

TABLE 1.

|  |   |       | Cattle<br>other<br>than Cows | Cows | Calves | Sheep | Pigs |
|--|---|-------|------------------------------|------|--------|-------|------|
| Number slaughtered .. ..                                 |   |       | 7075                         | 5125 | 6449   | 36811 | 306  |
| Number inspected .. ..                                   |   |       | 7075                         | 5125 | 6449   | 36811 | 306  |
| Diseases and<br>conditions<br>other than<br>tuberculosis | Whole carcasses unfit                                     |       | 10                           | 53   | 77     | 112   | 10   |
|  | Carcases in which<br>organs or part<br>carcasses unfit .. | 1516  | 845                          | 89   | 2325   | 62    |      |
|  | Percentage affected of<br>number inspected                | 21.57 | 17.52                        | 2.57 | 6.62   | 23.53 |      |
| Tuberculosis   | Whole carcass unfit                                       | 23    | 117                          | 12   | —      | —     |      |
|  | Carcases in which<br>organs or part<br>carcasses unfit .. | 866   | 2236                         | 5    | —      | 15    |      |
|  | Percentage affected of<br>number inspected                | 12.56 | 45.91                        | .26  | —      | 4.9   |      |

NOTES.—(1) All female bovines which have calved are classified as cows.

(2) Carcasses affected with tuberculosis and some other disease or condition are classified as carcasses affected with tuberculosis only.



TABLE 2. **Organs and Tissues collected for Pharmaceutical Processing.**

| Weight<br>in Lbs. | Livers | Spinal<br>Cords | Pancreas | Thyroids | Suprarenals | Ovaries       | Orchitics | Prostates | Number of<br>Pituitaries | No. of<br>Lungs                 |
|-------------------|--------|-----------------|----------|----------|-------------|---------------|-----------|-----------|--------------------------|---------------------------------|
| Cattle ..         | 42,124 | 4,303           | 5,730    | 547      | 516½        | 224           | 332       | 77½       | 9,557                    | 2,029                           |
| Calves ..         | —      | —               | 236      | —        | —           | —             | —         | —         | —                        | (Not<br>previously<br>collected |
| Sheep ..          | 646    | —               | 2,882    | 299½     | —           | 24½           | 132¼      | —         | —                        |                                 |
| Pigs ..           | —      | —               | 41       | —        | —           | $\frac{3}{4}$ | 52        | 5¼        | —                        |                                 |

Total Weight:— Livers, 19 tons 1 cwt. 3 qrs. 14 lbs. Others, 6 tons 17 cwt. 2 qrs. 3 lbs.

**Total weight of Meat and Offal from all sources found unfit.**

TABLE 3.

|                      | Tons. | Cwts. | Qrs. | Lbs. |
|----------------------|-------|-------|------|------|
| Tuberculosis .. ..   | 90    | 5     | 0    | 14   |
| Other diseases .. .. | 62    | 9     | 1    | 10½  |
| Total .. ..          | 152   | 14    | 1    | 24½  |

**SUMMARY OF INSPECTIONS CARRIED OUT BY THE MEAT INSPECTORS  
DURING 1947.**

|  |              |
|--|--------------|
| Ante and post-mortem examinations of animals slaughtered at the abattoir ..            | 55766        |
| Post-mortem inspections of animals which died in transit or in lairages ..             | 9            |
| Inspections of carcasses slaughtered other than at abattoir .. ..                      | 1797         |
| Re-inspections of home-killed meat .. ..   | 11           |
| Detailed inspections of imported meat .. ..  | 5031         |
| Inspections of canned meat .. ..   | 1572         |
| Inspections of food other than meat .. ..  | 3            |
| Identification of tissues at request of enforcement officers .. ..                     | 5            |
| Inspections of Fatstock Collecting Centre .. ..  | 50           |
| Inspections under the Public Health (Meat) Regulations 1924 .. ..                      | 2149         |
| (Meat Market : 303. Rail Depot : 3. Coldstores : 50. Transport : 1766.<br>Shops : 27). |              |
| Inspections under the Public Health Acts (Offensive Trades premises) ..                | 256          |
| (Triperies : 107. By-products plant : 74. Hide Store : 39. Gut Stores : 36.)           |              |
| <b>TOTAL ..</b>  | <b>66649</b> |

**Slaughter of Animals Act, 1933.**

The figures as to licensed slaughtermen in the City are as follows :—

|   |    |
|---|----|
| New licences granted during 1947 ...          | 4  |
| Total number in operation, December, 1947 ... | 97 |
| Number of licences renewed during 1947 ...    | 29 |

No contravention of the Act was observed during the year.

**Public Health (Meat) Regulations, 1924.**

The slaughtering of all food animals in the City is carried out at the Public Abattoir; the meat is supplied not only to butchers within the City but to those in neighbouring districts. All the animals slaughtered are the property of the Minister of Food. They are slaughtered under the direction of a slaughterhouse Manager and allocated to the various retail butchers by the Area Meat Agent, both of whom are employed by the Minister of Food.

Inspections of butchers' shops and stores and of vehicles used for conveyance of meat are carried out as part of the routine work of the inspectorial staff and in this connection 2,373 inspections were made during the year.

### **Inspection of Food at Markets, Shops and Stores.**

During the year, 3,789 inspections were made of markets, shops, stores and warehouses where food is stored, prepared or exposed for sale. Of this number, 1,563 visits were made for the purpose of examining food to ascertain its fitness or otherwise for human consumption.

### **Milk.**

It is estimated that the amount of milk consumed daily in the City is approximately 23,000 gallons. This is made up as follows :—

|   |        |
|---|--------|
| Milk from farms in the City ... ..            | 2,000  |
| Milk from farms within 25-30 miles radius ... | 13,000 |
| Milk obtained from distributing depôts ...    | 8,000  |

Of the 23,000 gallons, approximately 21,000 gallons, or 91 per cent. of the total supplies, are pasteurised or heat-treated, the remainder being raw milk; about 20 per cent. of this is either Accredited or Tuberculin Tested.

During the year the number of complaints respecting the quality of the milk have been few.

Occasionally complaints are received respecting dirty bottles and all cases have been investigated and the vendors cautioned.

### **Milk Samples for Tubercle Bacilli.**

During the year, 31 samples of milk were submitted for laboratory examination for the presence of tubercle bacilli.

All the samples except one were reported to be free from tubercle bacilli.

### **Purveyors of Milk.**

|   |       |
|---|-------|
| No. of retail purveyors selling loose milk within the City :—                       | 1947. |
| (a) Residing in the City ... ..   | 99    |
| (b) Residing outside the City ... ..  | 44    |
| No. of retail purveyors selling bottled milk only.<br>(Residing in the City) ... .. | 383   |
| No. of wholesale traders and producers within the City . ... ..                     | 16    |

During the year, 414 inspections were made of dairies, milk shops and milk vehicles.

## Ice Cream.

During the year, 134 samples were obtained from shops and cafés in the City.

Until the Ice-Cream (Heat Treatment) Regulations, 1947, came into force, the samples were submitted to the coliform test and for bacterial count.

Of the 21 samples submitted to these tests, 12 were satisfactory and 9 unsatisfactory.

The remaining 113 samples were submitted to the methylene blue reduction test as suggested under the new Regulations and these samples gave the results as set out below :—

|         |     |     |     |                      |
|---------|-----|-----|-----|----------------------|
| Grade 1 | ... | ... | ... | 23 (Satisfactory).   |
| Grade 2 | ... | ... | ... | 18 (Satisfactory).   |
| Grade 3 | ... | ... | ... | 27 (Fair).           |
| Grade 4 | ... | ... | ... | 45 (Unsatisfactory). |

The number of samples that were unsatisfactory was high, but this can, to some extent, be accounted for by the fact that many manufacturers were unable to obtain suitable equipment and others were unfamiliar with methods of producing an article of food comparatively free from bacterial contamination.

All the persons from whom samples were obtained were visited and advised as to methods of production and sterilization of utensils.

The problem of getting the necessary machinery is still acute and supplies are well below the demand, so much so that the Ministry of Health have now extended the date by which all ice-cream manufacturers must have "coolers" for their product.

## FOOD AND DRUGS ACT, 1938.

### PREMISES REGISTERED UNDER SECTION 14 OF THE ACT FOR THE MANUFACTURE, STORAGE OR SALE OF FOOD.

The number of registered premises under the Act is set out as follows :—

|   |     |      |
|---|-----|------|
| Number of premises on register, January, 1947 | ... | 466  |
| " " " discontinued during the year            | ... | 5    |
| " " " added to register during the year       | ... | 40   |
| " " " on register, December, 1947             | ... | 501  |
| Number of inspections during the year         | ... | 1393 |
| Number of contraventions observed             | ... | 10   |

Particulars of premises registered at the close of the year:—

|  |   |   |   |     |
|--|---|---|---|-----|
| Premises registered for the manufacture and sale |   |   |   |     |
|  |   |   | of ice cream... ..  | 77  |
| "  | " | " | storage and sale of ice cream ... ..                                  | 135 |
| "  | " | " | preparation or manufacture of pressed, potted or preserved meat, etc. | 200 |
| "  | " | " | manufacture of sausages only ..                                       | 89  |

During the course of inspection of these premises contraventions were observed in 10 instances. All these related to the unclean condition of the premises (walls, ceilings, floors, tables, etc.).

### FACTORIES ACT, 1937.

The following tables are inserted in compliance with Section 128 of the Act.

TABLE I.—INSPECTION.

| Premises.  | Number on | Number of    |                  |                      |
|--|-----------|--------------|------------------|----------------------|
|  | Register. | Inspections. | Written Notices. | Occupiers Prosecuted |
| Factories in which sections 1, 2, 3, 4 and 6 are enforced by the Local Authority ..                  | 107       | 21           | 3                | Nil.                 |
| Factories not included in above in which Sec 7 is enforced by the Local Authority .. ..              | 848       | 96           | 19               | Nil.                 |
| Other premises in which Sec. 7 is enforced by the Local Authority (excluding outworkers premises) .. | ..        | ..           | ..               | ..                   |
| TOTAL .. ..  | 955       | 117          | 22               | Nil.                 |

TABLE 2.—DEFECTS FOUND.

| Particulars.  | Number of cases in which defects were found. |           |                   |                   | Number of cases in which prosecutions were instituted. |
|---|--|-----------|-------------------|-------------------|--|
|   | Found.                                       | Remedied. | To H.M. Inspector | By H.M. Inspector |  |
| Want of cleanliness (Sec. 1) ..   | ..   | ..        | ..                | ..                | ..   |
| Overcrowding (Sec. 2) .. ..   | ..   | ..        | ..                | ..                | ..   |
| Unreasonable tempr. (Sec. 3) ..   | ..   | ..        | ..                | ..                | ..   |
| Inadequate ventilation (Sec. 4) ..  | ..   | ..        | ..                | ..                | ..   |
| Ineffective drainage of floors (Sec. 6) ..  | ..   | ..        | ..                | ..                | ..   |
| Sanitary conveniences (Sec. 7)  |  |           |                   |                   |  |
| (a) Unsuitable or defective ..  | 11   | 10        | ..                | 11                | ..   |
| (b) Insufficient .. ..  | 6  | 6         | ..                | 2                 | ..   |
| (c) Not separate for sexes ..   | 6  | 4         | ..                | 6                 | ..   |
| Other offences against the Act (Not including offences relating to outwork) .. .. | ..   | ..        | 2                 | ..                | ..   |
| Total .. ..   | 23   | 20        | 2                 | 19                | .  |

During the year six lists were received in accordance with Section 110 of the Act from firms employing outworkers.

These lists related to 10 outworkers employed by these firms; all were engaged in the making or altering of wearing apparel.

## RODENT CONTROL.

RATS AND DESTRUCTION ACT, 1919.

INFESTATION ORDER, 1943.

The work of Rodent Control has been continued during the year in accordance with the above act and directions issued by the Director of Infestation Control, Ministry of Agriculture and Fisheries.

Particulars of the results of the survey of the City with regard to rat infestation in pursuance of the directions set out in circular N.S. 11 and 12, and the action taken by the Rodent Officer, Sanitary Inspectors and Rodent Operatives are set out below :—



*Action taken by Inspectorial Staff.*

|  |     |
|--|-----|
| (1) No. of investigations made respecting rat-infested premises including food premises ... ..                                     | 507 |
| (2) Visits and re-visits to premises known to be infested ... ..   | 433 |
| (3) No. of premises where the Rodent Officer supervised the work of Rodent Operatives ... ..                                       | 244 |
| (4) Instances where drains were tested in consequence of rat infestation ... ..  | 24  |
| (5) Instances where rat-runs from defective drains were sealed and defects in drains remedied ...                                  | 14  |
| (6) Cases where premises were made rat-proof ...   | 6   |
| (7) No. of instances where infestation has been remedied by the removal of accumulations of debris, sealing of drains, etc. ... .. | 5   |

*No. of cases dealt with and work carried out by departmental Rodent Operatives.*

|   |        |
|---|--------|
| No. of complaints investigated and treated ... .. | 936    |
| No. of premises surveyed :                        |        |
| (1) Dwelling-houses ... ..                        | 38,005 |
| (2) Business premises ... ..                      | 2,816  |
| No. found to be infested :                        |        |
| (1) Dwelling-houses ... ..                        | 992    |
| (2) Business Premises ... ..                      | 155    |
| No. of re-visits made for pre-baiting, etc. :     |        |
| (1) Dwelling-houses ... ..                        | 15,442 |
| (2) Business premises ... ..                      | 6,071  |
| No. of infestations treated ... ..                | 2,083  |
| No. of infestations cleared ... ..                | 1,979  |
| No. of poison baits laid ... ..                   | 7,553  |
| No. of poison baits taken ... ..                  | 4,414  |
| No. of Instances where gas was used ... ..        | 49     |
| No. of carcasses found following treatment ... .. | 1,457  |

**CARAVANS, FAIRS AND CAMPING SITES.****Caravans.**

During the year, 497 inspections were made of caravans, and in 141 instances removals of vans were brought about from land which was considered unsuitable. Most of the caravans which come into the City are occupied and owned by members of the Showmen's Guild, who attend the fairs held in the City during the summer months; many of these showmen remain in the City during the winter.

**Fairs.**

All fairs held in the City are visited by members of the inspectorial staff. Attention is paid to the condition of the caravans attending these fairs, the temporary sanitary accommodation and refuse disposal.



A temporary water supply by means of stand-pipes is always laid on and arrangements made with the City Engineer's Department for the emptying of pail closets and dustbins. Where fairs are held on land owned by the Corporation, temporary sanitary conveniences are erected.

### **Camping Sites.**

There are no recognised camping sites in the city.

## **SMOKE ABATEMENT.**

The year marked a step further in the fight against atmospheric pollution when a survey was made of the central portion of the City to collect information required for the establishment of a "smokeless zone." A Clause in a Corporation Bill which it is proposed to lay before Parliament in the near future seeks to create a "smokeless zone" in the central area of the City; this area comprises most of the badly bombed portion and is about 30 acres in extent.

During the year under review thirty complaints were received concerning smoke emissions and 134 observations were made of chimneys.

The nuisance in the majority of cases was due, as previously stated, to careless stoking where the furnaces are hand-fired. Following representations made to the managements, smoke nuisances were abated in eight instances by more care being exercised in the methods of stoking.

### **Public Relations.**

The department is indebted to the Public Relations Officer for his welcome assistance in bringing to the notice of the press, on occasion, points which needed particular stressing in the interests of the general health of the public.

### **Health Education.**

The Local Health Authority continues to take a keen interest in the work of the Central Council for Health Education and to use their facilities widely, *e.g.*, films, posters, literature, etc., have all been used to the great advantage of the community at large. During the year the Central Council have been most helpful in many respects, and co-operated closely with the Local Health Authority by arranging for a series of talks to employees of various industrial undertakings in this area on matters relating to public health and hygiene.

The medical staff of the Health Department have continued, insofar as they have been able, to offer their services for the purpose of educating various sections of the community on subjects coming within the field of public health in general.

## Food Safety.

During the year there have been several outbreaks of food poisoning or suspected food poisoning in the City and these have been promptly investigated and dealt with. One or two outbreaks were of exceptional interest, and that occurring in May, 1947, particularly so, in view of the suddenness of the outbreak, the severity of symptoms in those affected, and the relation to similar outbreaks occurring in other Local Authorities' areas at the same time.

The cause of this latter outbreak was due to a particular consignment of contaminated "liver luncheon sausage," and consumers were affected very acutely. Several cases showed alarming shock and collapse necessitating prompt hospital treatment. Fortunately no deaths occurred in Coventry from this outbreak, although a total of 113 persons was affected. The cause of the outbreak was traced to an operative working at a factory well outside the City area, who had infected the "sausage meat" by working with a septic hand.

This tends to lay stress upon those simple every-day common-sense precautions which, if taken by the community at large, would obviously eliminate such dangerous events from our lives.

Other less alarming outbreaks of somewhat different character occurred through contamination of other food commodities in canteens and elsewhere during the year.

## Anterior Poliomyelitis.

The following is a special report submitted to the Health Committee as to the cases of Anterior Poliomyelitis occurring in the City between 21st June and 25th November, 1947:—

"The abnormal number of cases occurring in Coventry during 1947 formed part of a nation-wide epidemic in which some 7,800 cases were notified throughout England and Wales, giving an incidence (notification) rate of 0.18 per 1,000 population, the previous highest in this country being 0.04 per 1,000 population in 1938. The first case to occur in Coventry was on 21st June, a male aged 31, and the last to occur was on 25th November, a male aged 28. During that period some 56 notifications were received, but subsequent clinical and laboratory examinations confirmed only 33. The cases showed no concentration in any particular parts of the City and appeared to have a completely unrelated "spreadover."

Following the first case above-mentioned, which may have been sporadic and possibly had no connection with subsequent major epidemiology, the following confirmed cases (month by month) were notified:—July, 2; August, 7; September, 8; October, 14; November, 1; which, with the one in July, provided 33 cases in all. Out of this total there was one death, in a

woman aged 30 years, who was admitted to hospital on the 3rd October with a very severe and advanced cerebral type of anterior poliomyelitis, and who died on the 5th October.

The following table gives details of the incidence in age groups :—

| Incidence in age groups. | Male. | Female | Total. |
|--------------------------|-------|--------|--------|
| 0—1 years                | —     | —      | —      |
| 1—5 years                | 5     | 2      | 7      |
| 5—10 years               | 5     | 4      | 9      |
| 10—15 years              | 1     | 3      | 4      |
| 15—20 years              | —     | 1      | 1      |
| 20—30 years              | 1     | 5      | 6      |
| 30—40 years              | 3     | 2      | 5      |
| 40—60 years              | 1     | —      | 1      |
|                          | 16    | 17     | 33     |

#### **Preventive measures taken in Coventry during the Epidemic.**

(a) *Social*.—Public advised through the press to avoid congregating in grossly overcrowded circumstances and to take every advantage of the prevailing fine weather and sunshine. General hygienic measures were also indicated. Public advised in cases of doubtful illness to call in their family doctor immediately.

(b) *General Practitioners*.—All practitioners were circulated during the early phase of the disease and their close co-operation invited in general preventive measures.

(c) *Hospitals*.—(1) All cases removed to City Isolation Hospital.

(2) Co-operation with Regional Offices of the Ministry of Health to ensure availability of an adequate number of “iron lungs” in good working order.

(3) Arrangements made for orthopædic facilities to be conveniently available.

(d) *Day Nurseries*.—Routine daily clinical inspection of all children. Doubtful cases isolated and excluded at once and parents advised to call in own doctor.

(e) *Swimming Baths*.—It was considered inadvisable to close local swimming baths since it was thought preferable for children to bathe under optimum controlled conditions. Bathing in uncontrolled and unauthorised waters was energetically discouraged. Meanwhile the chlorine content of all swimming baths in the City was stepped up and frequent bacteriological tests and analyses of bath water samples were taken.

(f) *Tonsils and Adenoids*.—In view of expert medical opinion prevailing at the time it was decided to suspend surgical operations for tonsils and adenoids in all children unless, in some few instances, contrary action was indicated.

*General*.—All notified cases and contacts were very carefully investigated and the full environmental and hygienic circumstances were enquired into."

## **Royal Sanitary Institute.**

In the latter part of the year I was privileged to arrange and convene a sessional meeting in Coventry on behalf of the Royal Sanitary Institute on Friday, 12th December, at which some 200 delegates attended from surrounding Local Authority areas. At the morning session a paper was read by Mr. E. H. Ford, City Engineer and Surveyor, entitled "Progress of Redevelopment and Development in Coventry," and this was followed by a paper from Mr. W. Beaumont, Chief Sanitary Inspector, entitled "Food Contamination and Potential Dangers to the Public Health." An interesting discussion took place, and this was followed in the afternoon by a visit to the Standard Motor Company's tractor and motor car plants on the outskirts of the City.

## **Staff Changes.**

On the 31st March Dr. A. Massey resigned from his position as Medical Officer of Health for the City and I was privileged to succeed him on the 7th May.

On the 8th August Dr. C. R. Mayou was promoted to the post of Deputy Medical Officer of Health, which fell vacant on my appointment to the senior post.

Dr. Gemmell was appointed Assistant Resident Medical Officer at the City Isolation Hospital on 7th January, in place of Dr. C. I. Ham, who took up an appointment as Assistant Medical Officer on the Maternity and Child Welfare staff.

Dr. L. H. Mattison resigned his appointment as Deputy Medical Superintendent at the Gulson Road Municipal Hospital on 22nd March, 1947.

Miss E. Fox was appointed as Blind Home Teacher on 1st May, 1947, and Mrs. E. Marshall commenced duty as Supervisor of Home Helps on 14th April, 1947.

Amongst the Sanitary Inspectorate there were three resignations (Messrs. Bond, Marsden and Smith) and three new inspectors (Messrs. McCutcheon, Adams and Sadler) were appointed.

On the clerical staff there were again many changes: no less than 21 appointments were made during the year and there were 11 resignations.



## **Conclusion.**

It is once more a pleasure to record sincere thanks to all members of my staff for their willing co-operation and efficient service during a year of strenuous administration. To the Chairman and members of the Health Committee I proffer my grateful appreciation for their consistent helpfulness and courtesy.

I should also like to take this opportunity of thanking those colleagues from other municipal departments who have afforded me special information which has been included in this report.

I am, Mr. Mayor, Ladies and Gentlemen,

Your obedient Servant,

T. M. CLAYTON,

*Medical Officer of Health.*

Council House,

Coventry.

*November, 1948.*

## **BRIEF SURVEY OF THE PROVISIONS MADE IN THE COVENTRY LOCAL AUTHORITY'S AREA UNDER THE NATIONAL HEALTH SERVICE ACT, 1946.**

### **Health Centres (Section 21).**

The schemes to be submitted by Local Health Authorities to the Minister of Health under this section have been deferred pending further central governmental directive. It will, nevertheless, be the duty of Local Health Authorities to provide and maintain health centres in their respective areas for general practitioner, dental and pharmaceutical services, in addition to providing for those services which they are required or empowered to supply.

### **Care of Mothers and Young Children (Section 22).**

The present service in Coventry will be extended to meet growing requirements. It is anticipated that provision under this section will be closely associated with the health centres, and also that there will be much closer links with the general practitioner services in several spheres of maternity and child welfare work.

### **Midwifery (Section 23).**

It is intended to extend the free domiciliary midwifery service provided by the Local Health Authority in Coventry and to assist in providing means for close links with the general practitioner obstetrician service of the Local Executive Council and the consultant and hospital service provided by the Regional Hospital Board.



### **Health Visiting** (Section 24).

This service, which is already operating in the Coventry area, will be extended as the need arises, and it is hoped that there will be close links with the general practitioner service, who are at liberty to request assistance from the health visitors where practicable. The Health Visitors will also be responsible for giving domiciliary advice in respect of illness and in the prevention of infectious diseases.

### **Home Nursing** (Section 25).

The Coventry City Council are now responsible for the provision of a free home (district) nursing service and the Health Department have administrative responsibility for this service previously provided by the Coventry and Foleshill District Nursing Association. The service will provide free domiciliary nursing for all sick persons who are in need of it under the provisions of the Act.

### **Vaccination and Immunisation** (Section 26).

Compulsory vaccination has been revoked under the Act. New and extended provisions have been made for free voluntary vaccination against smallpox and for immunisation against diphtheria and whooping cough. Immunisation against other particular diseases will also be provided if proved satisfactory and as the need arises. A point of interest is that any citizen may now nominate an individual general practitioner for the vaccination or immunisation, or alternatively he may call upon the Local Authority's medical staff to perform this work.

### **Ambulance Service** (Section 27).

It is the Coventry Council's policy to provide and maintain a complete ambulance service to meet the needs of all citizens in the area, and this will be administered through the Health Department. Agreement has been reached concerning the augmentation of the existing City Ambulance Service by agency arrangements with the Coventry Hospital Saturday Fund Committee. Staff and vehicles from both services will, in future, operate from one central ambulance depôt at Swanswell Terrace (telephone, Coventry 5041).

### **Prevention of Illness, Care and After Care** (Section 28).

This section breaks new ground in some directions for most Local Health Authorities. In Coventry it will afford opportunity to stimulate health education still further and extend the existing domiciliary welfare arrangements for tuberculous patients and for those suffering from venereal disease. Similar provisions can obviously be made in respect of other diseases as the need arises. Opportunity will be taken, it is hoped, under this section, to make provision for a "meals on wheels" service for the benefit of aged and

sick persons. It is very probable that care and after-care arrangements under the National Health Service Act will be correlated with certain welfare provisions under the National Assistance Act. A further example of the service which will be brought under this section of the Act is that already existing in Coventry, namely, provision of nursing equipment and apparatus.

### **Domestic Help** (Section 29).

The domestic home help service operating in Coventry since 1945 is probably in a more advanced functional state than most of those provided by other Local Health Authorities. It is a most popular and useful liaising service and has already fully justified its existence by supplementing other health service provisions (*e.g.*, midwifery, home nursing, etc.).

### **Mental Health Service** (Section 51).

The Coventry Health Department has been responsible since 1913 for the welfare of mental defectives, and since 1930 for duties connected with voluntary and temporary mental treatment. Under this section the Local Authority becomes responsible for extended welfare duties connected with mental deficiency and mental treatment, and as from 5th July, 1948, for all statutory duties in respect of lunacy.

# INDEX.

---

## A

|                            |    |
|----------------------------|----|
| Abattoir, Public ...       | 27 |
| Ambulance Service...       | 14 |
| Anterior Poliomyelitis ... | 36 |

## B

|                       |    |
|-----------------------|----|
| Birth Rate ...        | 7  |
| Blind Persons Act ... | 18 |

## C

|                           |    |
|---------------------------|----|
| Caravans, etc. ...        | 34 |
| Charts—                   |    |
| Infantile Mortality ...   | 55 |
| Proportions of Deaths ... | 54 |

## D

|                              |    |
|------------------------------|----|
| Day Nursery Service ...      | 12 |
| Death Rate ...               | 8  |
| Diphtheria, Immunisation ... | 9  |
| Deaths, Causes of ...        | 44 |

## F

|                               |    |
|-------------------------------|----|
| Factories Act, 1937 ...       | 32 |
| Food and Drugs Act ...        | 31 |
| Food Supplies—Supervision ... | 27 |
| Food Safety ...               | 36 |

## H

|                        |    |
|------------------------|----|
| Health Committee ...   | 2  |
| Home Helps Service ... | 12 |
| Health Education ...   | 35 |
| Housing ...            | 18 |

## I

|                                    |       |
|------------------------------------|-------|
| Illegitimate Children, Care of ... | 11    |
| Infantile Mortality ...            | 7, 47 |
| Infectious Diseases...             | 8, 49 |
| Isolation Hospital ...             | 15    |
| Ice Cream ...                      | 31    |

## M

|  |    |
|--|----|
| Maternal Mortality ...                       | 7  |
| Maternity and Child Welfare ...              | 10 |
| Mental Health ...                            | 16 |
| Municipal General Hospital<br>and Annexe ... | 13 |
| Milk ...                                     | 30 |
| Meteorological Observations ...              | 53 |

## N

|  |    |
|--|----|
| National Health Service Act,<br>1946 ... | 39 |
|--|----|

## P

|                                |    |
|--------------------------------|----|
| Population ...                 | 7  |
| Premature Infants, Care of ... | 11 |
| Public Relations ...           | 35 |

## R

|                    |    |
|--------------------|----|
| Rodent Control ... | 33 |
|--------------------|----|

## S

|                          |        |
|--------------------------|--------|
| Sanitary Inspection ...  | 20, 27 |
| Scabies ...              | 8      |
| Sick Room Appliances ... | 12     |
| Smoke Abatement...       | 35     |
| Staff ...                | 3, 38  |
| Statistics, General ...  | 4      |
| Statistical Tables ...   | 44—53  |

## T

|                 |       |
|-----------------|-------|
| Tuberculosis... | 9, 50 |
|-----------------|-------|

## V

|                       |            |
|-----------------------|------------|
| Venereal Diseases ... | 10, 51, 52 |
|-----------------------|------------|

## W

|                  |    |
|------------------|----|
| Water Supply ... | 19 |
|------------------|----|

# Statistical Tables, 1947

## CAUSES OF AND AGES AT DEATH, YEAR 1947.

| CAUSES OF DEATH.  | Total Deaths 1947. |         |       | Under 1 year | 1 and under 5. | 5 and under 15. | 15 and under 45. | 45 and under 65. | 65 and upwards. | Deaths in C. & W. H. | Deaths in G. R. M. H. | Deaths in other Inst. |
|---|--------------------|---------|-------|--------------|----------------|-----------------|------------------|------------------|-----------------|----------------------|-----------------------|-----------------------|
|   | Males              | Females | Total |              |                |                 |                  |                  |                 |                      |                       |                       |
| 1. Typhoid and para-typhoid Fevers ..                           | 1                  | ..      | 1     | ..           | ..             | ..              | 1                | ..               | ..              | ..                   | ..                    | 1                     |
| 2. Cerebro-Spinal Fever ..                                      | 4                  | ..      | 4     | 2            | ..             | 1               | ..               | 1                | ..              | 2                    | 1                     | 2                     |
| 3. Scarlet Fever ..   | ..                 | ..      | ..    | ..           | ..             | ..              | ..               | ..               | ..              | ..                   | ..                    | ..                    |
| 4. Whooping Cough ..  | 7                  | 9       | 16    | 11           | 3              | 2               | ..               | ..               | ..              | ..                   | ..                    | 11                    |
| 5. Diphtheria.. ..  | 1                  | 1       | 2     | ..           | ..             | 2               | ..               | ..               | ..              | ..                   | ..                    | 2                     |
| 6. Tuberculosis of Respiratory System ..                        | 92                 | 74      | 166   | ..           | 1              | 1               | 107              | 49               | 8               | 2                    | 6                     | 27                    |
| 7. Other forms of Tuberculosis .. ..                            | 9                  | 11      | 20    | 2            | 9              | 2               | 6                | 1                | ..              | 2                    | 2                     | 14                    |
| 8. Syphilitic Diseases ..                                       | 3                  | 7       | 10    | 1            | ..             | ..              | 2                | 4                | 3               | ..                   | 1                     | 4                     |
| 9. Influenza .. ..  | 7                  | 5       | 12    | ..           | ..             | ..              | 1                | 7                | 4               | ..                   | ..                    | 1                     |
| 10. Measles .. ..   | 2                  | ..      | 2     | 2            | ..             | ..              | ..               | ..               | ..              | ..                   | ..                    | 2                     |
| 11. Acute Polio-myelitis and Polio encephalitis ..              | ..                 | 1       | 1     | ..           | ..             | ..              | 1                | ..               | ..              | ..                   | ..                    | 1                     |
| 12. Acute Infectious Encephalitis .. ..                         | 2                  | ..      | 2     | ..           | ..             | ..              | ..               | 1                | 1               | ..                   | ..                    | 1                     |
| 13. Cancer of buccal cavity and oesophagus (M), uterus (F)      | 13                 | ..      | 13    | ..           | ..             | ..              | ..               | 3                | 10              | 1                    | ..                    | 4                     |
| 14. Cancer of Stomach and Duodenum .. ..                        | 29                 | 17      | 46    | ..           | ..             | ..              | 4                | 13               | 29              | 2                    | 4                     | 4                     |
| 15. Cancer of Breast... ..                                      | 1                  | 28      | 29    | ..           | ..             | ..              | 3                | 14               | 12              | 1                    | 3                     | 1                     |
| 16. Cancer of all other sites..                                 | 155                | 91      | 246   | 2            | 3              | ..              | 20               | 104              | 117             | 27                   | 19                    | 34                    |
| 17. Diabetes .. ..  | 4                  | 12      | 16    | ..           | ..             | ..              | 2                | 5                | 9               | 1                    | 6                     | ..                    |
| 18. Intracranial Vascular Lesions .. ..                         | 119                | 146     | 265   | ..           | ..             | ..              | 11               | 55               | 199             | 5                    | 20                    | 53                    |
| 19. Heart Disease .. ..   | 341                | 300     | 641   | ..           | ..             | ..              | 26               | 148              | 467             | 14                   | 64                    | 114                   |
| 20. Other diseases of Circulatory System ..                     | 23                 | 20      | 43    | ..           | ..             | ..              | 3                | 9                | 31              | 8                    | 35                    | 14                    |
| 21. Bronchitis .. ..  | 99                 | 40      | 139   | 5            | 2              | ..              | 4                | 48               | 80              | 4                    | 7                     | 28                    |
| 22. Pneumonia .. ..   | 80                 | 55      | 135   | 43           | 10             | ..              | 6                | 31               | 45              | 7                    | 34                    | 23                    |
| 23. Other Respiratory Disorders .. ..                           | 24                 | 18      | 42    | ..           | ..             | ..              | 7                | 20               | 15              | 8                    | 6                     | 10                    |
| 24. Ulcer of Stomach or Duodenum .. ..                          | 16                 | 4       | 20    | ..           | ..             | ..              | 1                | 6                | 13              | 3                    | 6                     | ..                    |
| 25. Diarrhoea under 2 years..                                   | 13                 | 7       | 20    | 19           | 1              | ..              | ..               | ..               | ..              | 1                    | 1                     | 11                    |
| 26. Appendicitis .. ..  | 2                  | 6       | 8     | ..           | ..             | 2               | 2                | 2                | 2               | 2                    | 5                     | ..                    |
| 27. Other digestive disorders                                   | 31                 | 28      | 59    | 3            | 2              | 2               | 10               | 20               | 22              | 12                   | 23                    | 10                    |
| 28. Nephritis .. ..   | 22                 | 24      | 46    | ..           | ..             | ..              | 11               | 19               | 16              | 1                    | 10                    | 2                     |
| 29. Puerperal and Post-abortion Sepsis .. ..                    | ..                 | 5       | 5     | ..           | ..             | ..              | 5                | ..               | ..              | ..                   | ..                    | 2                     |
| 30. Other maternal causes ..                                    | ..                 | 2       | 2     | ..           | ..             | ..              | 2                | ..               | ..              | 1                    | 2                     | ..                    |
| 31. Premature Birth.. ..  | 37                 | 28      | 65    | 65           | ..             | ..              | ..               | ..               | ..              | 5                    | 39                    | 8                     |
| 32. Congenital malformations, Birth Injuries Infant Diseases .. | 42                 | 36      | 78    | 75           | ..             | 2               | ..               | 1                | ..              | 12                   | 23                    | 14                    |
| 33. Suicide .. ..   | 18                 | 17      | 35    | ..           | ..             | ..              | 11               | 12               | 12              | ..                   | 21                    | ..                    |
| 34. Road Traffic Accidents ..                                   | 17                 | 6       | 23    | ..           | 1              | 3               | 10               | 6                | 3               | 1                    | 23                    | 1                     |
| 35. Other violent causes ..                                     | 28                 | 19      | 47    | 11           | 2              | 1               | 15               | 9                | 9               | 3                    | 29                    | 3                     |
| 36. All other causes .. ..                                      | 79                 | 67      | 146   | 14           | 4              | 2               | 16               | 34               | 76              | 19                   | 19                    | 40                    |
| TOTALS ..   | 1321               | 1107    | 2428  | 255          | 38             | 20              | 290              | 635              | 1190            | 149                  | 411                   | 446                   |



## VITAL STATISTICS OF CITY DURING 1947 AND PREVIOUS YEARS.

| Y EAR. | Population<br>estimated<br>to middle<br>of each<br>year. | BIRTHS.                     |        |  | TOTAL DEATHS<br>REGISTERED IN<br>THE CITY. |  | TRANSFERABLE<br>DEATHS.                               |  | NETT DEATHS BELONGING TO<br>THE CITY. |                                     |              |  |
|--------|--|-----------------------------|--------|--|--|--|---|--|---------------------------------------|-------------------------------------|--------------|--|
|        |  | Un-<br>corrected<br>Number. | Nett.  |  | Number.                                    | Rate<br>per<br>1,000<br>popu-<br>lation. | of Non-<br>residents<br>registered<br>in the<br>City. | of Resi-<br>dents not<br>registered<br>in the<br>City. | Under 1 Year of Age.                  |                                     | At all Ages. |  |
|        |  |                             | Number | Rate<br>per<br>1,000<br>popu-<br>lation. |  |  |   |  | Number.                               | Rate per<br>1,000<br>Nett<br>Births | Number.      | Rate<br>per<br>1,000<br>popu-<br>lation. |
| 1942   | 207,200  | 3,996                       | 3,996  | 19.3                                     | 1,617                                      | 8.0                                      | 59  | 577  | 249                                   | 62.3                                | 2,076        | 10.2                                     |
| 1943   | 214,870  | 4,889                       | 4,889  | 21.2                                     | 1,683                                      | 7.3                                      | 57  | 593  | 244                                   | 49.9                                | 2,219        | 9.6                                      |
| 1944   | 220,400  | 5,466                       | 5,466  | 24.8                                     | 1,664                                      | 6.9                                      | 81  | 583  | 265                                   | 48.4                                | 2,166        | 9.0                                      |
| 1945   | 221,970  | 4,949                       | 4,949  | 22.2                                     | 1,847                                      | 8.3.                                     | 68  | 569  | 338                                   | 68.2                                | 2,348        | 10.5                                     |
| 1946   | 232,850  | 4,326                       | 5,225  | 22.4                                     | 1,856                                      | 7.9                                      | 69  | 562  | 284                                   | 54.3                                | 2,949        | 10.0                                     |
| 1947   | 242,860  | 4,787                       | 5,643  | 23.2                                     | 2,051                                      | 8.4                                      | 126   | 503  | 255                                   | 45.1                                | 2,428        | 9.9                                      |

Table of Comparative Vital Statistics over a period of ten years  
for Coventry, the large Towns, and England and Wales.

|      | BIRTH RATE |                       |                         | DEATH RATE |                       |                         | INFANTILE<br>MORTALITY RATE |                       |                         |
|------|------------|-----------------------|-------------------------|------------|-----------------------|-------------------------|-----------------------------|-----------------------|-------------------------|
|      | Coventry   | 126<br>Large<br>Towns | England<br>and<br>Wales | Coventry   | 126<br>Large<br>Towns | England<br>and<br>Wales | Coventry                    | 126<br>Large<br>Towns | England<br>and<br>Wales |
| 1938 | 16·5       | 15·0                  | 15·1                    | 9·5        | 11·7                  | 11·6                    | 56                          | 57                    | 53                      |
| 1939 | 17·7       | 14·8                  | 15·0                    | 9·4        | 12·0                  | 12·1                    | 55                          | 53                    | 50                      |
| 1940 | 16·4       | 16·0                  | 14·6                    | 13·3       | 15·8                  | 14·3                    | 63                          | 61                    | 55                      |
| 1941 | 17·1       | 14·7                  | 14·2                    | 12·8       | 14·9                  | 12·9                    | 55                          | 71                    | 59                      |
| 1942 | 19·3       | 17·3                  | 15·8                    | 10·2       | 13·3                  | 11·6                    | 62                          | 59                    | 49                      |
| 1943 | 21·2       | 18·6                  | 16·5                    | 9·6        | 14·2                  | 12·1                    | 49                          | 58                    | 49                      |
| 1944 | 24·8       | 20·3                  | 17·6                    | 9·0        | 13·7                  | 11·6                    | 48                          | 52                    | 46                      |
| 1945 | 22·2       | 19·1                  | 16·1                    | 10·5       | 13·5                  | 11·4                    | 68                          | 54                    | 46                      |
| 1946 | 22·4       | 22·2                  | 19·1                    | 10·0       | 12·7                  | 11·5½                   | 54                          | 46                    | 43                      |
| 1947 | 23·2       | 22·0                  | 20·6                    | 9·9        | 12·5                  | 12·3                    | 45                          | 44                    | 41                      |

| CAUSE OF DEATH.                                 | Total under |           |           |           |           |           |          |            |            |            | Total under<br>1 Month. | Total under |          |         |         | 9—12 Months. | 6—9 Months. | 3—6 Months. | 1—3 Months. | 252<br>3 |
|---|-------------|-----------|-----------|-----------|-----------|-----------|----------|------------|------------|------------|-------------------------|-------------|----------|---------|---------|--------------|-------------|-------------|-------------|----------|
|   | Under 1 Day | 1—2 Days. | 2—3 Days. | 3—4 Days. | 4—5 Days. | 5—6 Days. | 1 Week.  | 1—2 Weeks. | 2—3 Weeks. | 3—4 Weeks. |                         |             |          |         |         |              |             |             |             |          |
| All Causes {<br>Certified<br>Uncertified        | 49<br>2     | 10<br>..  | 16<br>..  | 12<br>..  | 6<br>..   | 10<br>..  | 103<br>2 | 20<br>..   | 20<br>..   | 9<br>..    | 152<br>2                | 49<br>..    | 23<br>.. | 19<br>1 | 9<br>.. | 252<br>3     |             |             |             |          |
| Measles ...                                     | ..          | ..        | ..        | ..        | ..        | ..        | ..       | ..         | ..         | ..         | ..                      | ..          | ..       | 1       | ..      | 2            |             |             |             |          |
| Whooping Cough ...                              | ..          | ..        | ..        | ..        | ..        | ..        | ..       | ..         | ..         | ..         | ..                      | ..          | ..       | 2       | 1       | 11           |             |             |             |          |
| Diphtheria ...                                  | ..          | ..        | ..        | ..        | ..        | ..        | ..       | ..         | ..         | ..         | ..                      | ..          | ..       | ..      | ..      | ..           |             |             |             |          |
| Influenza...                                    | ..          | ..        | ..        | ..        | ..        | ..        | ..       | ..         | ..         | ..         | ..                      | ..          | ..       | ..      | ..      | ..           |             |             |             |          |
| Tuberculosis of Nervous<br>System...            | ..          | ..        | ..        | ..        | ..        | ..        | ..       | ..         | ..         | ..         | ..                      | ..          | 1        | ..      | ..      | 1            |             |             |             |          |
| Tuberculosis of Intestines<br>and Peritoneum... | ..          | ..        | ..        | ..        | ..        | ..        | ..       | ..         | ..         | ..         | ..                      | ..          | ..       | ..      | ..      | ..           |             |             |             |          |
| Other Tuberculous Diseases                      | ..          | ..        | ..        | ..        | ..        | ..        | ..       | ..         | ..         | ..         | ..                      | ..          | ..       | ..      | 1       | 1            |             |             |             |          |
| Syphilis ..                                     | ..          | ..        | ..        | ..        | ..        | ..        | 1        | ..         | ..         | ..         | 1                       | 1           | 3        | ..      | 1       | 5            |             |             |             |          |
| Meningitis ..                                   | ..          | ..        | 1         | ..        | ..        | ..        | ..       | ..         | ..         | ..         | ..                      | ..          | ..       | ..      | ..      | 1            |             |             |             |          |
| Convulsions ..                                  | ..          | ..        | ..        | ..        | ..        | ..        | ..       | ..         | ..         | ..         | ..                      | ..          | ..       | ..      | ..      | ..           |             |             |             |          |
| Bronchitis ..                                   | ..          | ..        | ..        | 2         | ..        | ..        | 3        | 4          | 2          | 3          | 12                      | 13          | 7        | 8       | 3       | 5            |             |             |             |          |
| Pneumonia ..                                    | 1           | ..        | ..        | ..        | ..        | ..        | ..       | ..         | ..         | ..         | ..                      | ..          | ..       | ..      | ..      | 43           |             |             |             |          |
| Other Respiratory Diseases                      | ..          | ..        | ..        | ..        | ..        | ..        | ..       | ..         | ..         | ..         | ..                      | ..          | ..       | ..      | ..      | ..           |             |             |             |          |
| Inflammation of Stomach ..                      | ..          | ..        | ..        | ..        | ..        | ..        | ..       | ..         | ..         | ..         | ..                      | ..          | ..       | ..      | ..      | ..           |             |             |             |          |
| Diarrhoea and Enteritis ..                      | ..          | ..        | ..        | ..        | ..        | 1         | 1        | ..         | 2          | 1          | 4                       | 6           | 4        | 4       | 1       | 19           |             |             |             |          |
| Hernia: Intestinal<br>Obstruction ..            | ..          | ..        | ..        | ..        | ..        | ..        | ..       | ..         | ..         | ..         | ..                      | ..          | ..       | ..      | ..      | ..           |             |             |             |          |
| Congenital Malformations ...                    | 5           | 2         | 1         | 4         | ..        | 1         | 13       | 4          | 1          | ..         | 18                      | 4           | ..       | 1       | ..      | 2            |             |             |             |          |
| Congenital Debility and<br>Sclerema ...         | ..          | ..        | 1         | ..        | ..        | 3         | 4        | 3          | 1          | 2          | 10                      | 5           | ..       | 1       | ..      | 16           |             |             |             |          |
| Icterus ...                                     | ..          | ..        | ..        | ..        | ..        | ..        | ..       | ..         | ..         | ..         | ..                      | ..          | ..       | ..      | ..      | ..           |             |             |             |          |
| Premature Birth ...                             | 27          | 6         | 5         | 4         | 3         | 4         | 49       | 7          | 7          | 1          | 64                      | 1           | ..       | ..      | ..      | 65           |             |             |             |          |
| Injury at Birth ..                              | 2           | 1         | 1         | ..        | ..        | ..        | 4        | 2          | ..         | ..         | 6                       | ..          | ..       | ..      | ..      | 6            |             |             |             |          |
| Diseases of Umbilicus                           | ..          | ..        | 7         | 1         | 2         | 1         | 26       | ..         | 4          | ..         | 30                      | 3           | ..       | ..      | ..      | ..           |             |             |             |          |
| Atelectasis ...                                 | 14          | 1         | ..        | ..        | 2         | ..        | ..       | ..         | ..         | ..         | ..                      | ..          | ..       | ..      | ..      | 33           |             |             |             |          |
| Suffocation in Bed and not<br>stated ...        | ..          | ..        | ..        | 1         | ..        | ..        | 4        | ..         | 3          | 1          | 8                       | 7           | 3        | ..      | 1       | 4            |             |             |             |          |
| Other Causes ..                                 | 2           | ..        | ..        | 1         | 1         | ..        | ..       | ..         | ..         | ..         | ..                      | ..          | 2        | ..      | 1       | 18           |             |             |             |          |
| TOTAL, ALL CAUSES ..                            | 51          | 10        | 16        | 12        | 6         | 10        | 105      | 20         | 20         | 9          | 154                     | 49          | 23       | 20      | 9       | 255          |             |             |             |          |

## Vital Statistics. (Historical Summary).

| Year.               | Houses<br>Inhabited<br>(December) | Vacant. | Popula-<br>tion<br>(Mid-year) | Mortality | Infectious<br>Mortality | Deaths<br>under one<br>year per<br>1000 born. | Birth<br>Rate |
|---------------------|-----------------------------------|---------|-------------------------------|-----------|-------------------------|---|---------------|
| 1586                | ..                                | ..      | 6,502                         | ..        | ..                      | ..  | ..            |
| 1643                | ..                                | ..      | 9,500                         | ..        | ..                      | ..  | ..            |
| 1694                | ..                                | ..      | 6,711                         | ..        | ..                      | ..  | ..            |
| 1723                | 1,934                             | ..      | ..                            | ..        | ..                      | ..  | ..            |
| 1748                | 2,066                             | ..      | 12,817                        | ..        | ..                      | ..  | ..            |
| 1801                | 2,930                             | ..      | 16,034                        | ..        | ..                      | ..  | ..            |
| 1811                | 3,448                             | *60     | 17,923                        | ..        | ..                      | ..  | ..            |
| 1821                | 3,729                             | *114    | 21,448                        | ..        | ..                      | ..  | ..            |
| 1831                | 5,444                             | *121    | 27,298                        | ..        | ..                      | ..  | ..            |
| 1841                | 6,531                             | *590    | 31,032                        | ..        | ..                      | ..  | ..            |
| Census figures.     |                                   |         |                               |           |                         |   |               |
| 1851                | 7,783                             | *151    | 36,812                        | 27        | ..                      | ..  | ..            |
| 1861                | 8,991                             | *1,026  | 40,936                        | 25        | ..                      | ..  | ..            |
| 1871                | 8,535                             | *816    | 37,670                        | 22        | ..                      | ..  | ..            |
| 1881                | 9,239                             | *643    | 42,111                        | 20        | 3.3                     | 150   | 35.4          |
| 1891                | 11,465                            | *284    | 52,724                        | 18.5      | 1.7                     | 142   | 32.0          |
| 1901                | 15,571                            | 353     | 69,978                        | 16.96     | 1.9                     | 153.7   | 29.8          |
| 1911                | 23,515                            | 95      | 106,349                       | 13.7      | 1.4                     | 109.3   | 28.0          |
| 1921                | 28,355                            | 502†    | 128,157                       | 11.3      | 0.7                     | 83.6  | 23.2          |
| 1931                | 41,275                            | 917†    | 167,083                       | 10.1      | 0.2                     | 67.7  | 15.7          |
| Ten Years' Average. |                                   |         |                               |           |                         |   |               |
| 1897                | †12,440                           | 73      | 61,231                        | 16.8      | 1.8                     | 157   | 31.3          |
| 1911                | 23,515                            | 95      | 107,287                       | 13.3      | 2.08                    | 109.8   | 26.9          |
| 1912                | 21,590                            | 50      | 111,166                       | 11.9      | 1.35                    | 76.1  | 26.4          |
| 1913                | 25,051                            | 113     | 115,064                       | 11.4      | 0.84                    | 91.6  | 26.0          |
| 1914                | 25,860                            | 99      | 119,003                       | 11.7      | 0.70                    | 84.6  | 26.9          |
| 1915                | 26,667                            | 56      | 122,982                       | 12.9      | 1.39                    | 87.8  | 23.8          |
| 1916                | 27,366                            | 12      | 127,089                       | 10.9      | 1.23                    | 87.5  | 23.5          |
| 1917                | 27,531                            | 15      | 130,000                       | 10.4      | 0.47                    | 78.5  | 20.2          |
| 1918                | 27,735                            | 25      | 133,000                       | 14.6      | 0.42                    | 92.5  | 20.7          |
| 1919                | 27,829                            | 20      | 136,000                       | 9.3       | 0.32                    | 82.8  | 18.2          |
| 1920                | 27,973                            | 48      | 130,000                       | 9.8       | 0.35                    | 76.0  | 25.0          |
| 1921                | 28,355                            | 502†    | 128,157                       | 10.2      | 0.25                    | 79.3  | 22.1          |
| 1922                | 28,661                            | 72      | 129,000                       | 10.6      | 0.34                    | 70.4  | 18.9          |
| 1923                | 29,414                            | 40      | 130,500                       | 9.3       | 0.20                    | 64.9  | 16.9          |
| 1924                | 29,685                            | 90      | 132,000                       | 9.6       | 0.19                    | 79.4  | 16.0          |
| 1925                | 30,199                            | 83      | 133,500                       | 10.6      | 0.30                    | 77.1  | 16.3          |
| 1926                | 31,034                            | 111     | 135,000                       | 9.7       | 0.15                    | 68.9  | 15.7          |
| 1927                | 32,260                            | 151     | 139,000                       | 10.2      | 0.23                    | 63.4  | 14.8          |
| 1928                | 38,474                            | 175     | 161,600 °                     | 9.6       | 0.34                    | 65.7  | 14.4          |
| 1929                | 39,374                            | 750     | 163,700                       | 12.1      | 0.63                    | 73.1  | 14.8          |
| 1930                | 40,519                            | 800     | 165,800                       | 10.1      | 0.32                    | 57.0  | 14.5          |
| 1931                | 41,275                            | 917     | 168,900                       | 10.0      | 0.10                    | 57.7  | 14.8          |
| 1932                | 45,781                            | 1000    | 182,000 °                     | 9.4       | 0.33                    | 69.7  | 13.5          |
| 1933                | 47,175                            | 1000    | 184,500                       | 9.9       | 0.21                    | 64.5  | 13.4          |
| 1934                | 48,730                            | 1500    | 184,900                       | 10.0      | 0.17                    | 57.1  | 13.6          |
| 1935                | 50,622                            | 1854    | 190,000                       | 9.7       | 0.16                    | 46.5  | 14.4          |
| 1936                | 54,273                            | 1361    | 192,360                       | 10.1      | 0.20                    | 51.8  | 15.1          |
| 1937                | 57,888                            | 1606    | 206,500                       | 10.4      | 0.18                    | 48.5  | 15.7          |
| 1938                | 61,580                            | 1316    | 229,900                       | 9.5       | 0.13                    | 56.0  | 16.5          |
| 1939                | —                                 | —       | —                             | 9.4       | —                       | 54.6  | 17.7          |
| 1940                | —                                 | —       | 229,400                       | 13.3      | 0.11                    | 63.0  | 16.4          |
| 1941                | —                                 | —       | 193,070                       | 12.8      | 0.21                    | 54.8  | 17.1          |
| 1942                | —                                 | —       | 207,200                       | 10.2      | 0.07                    | 62.3  | 19.3          |
| 1943                | —                                 | —       | 214,870                       | 9.6       | 0.23                    | 49.9  | 21.2          |
| 1944                | 65,926                            | —       | 220,400                       | 9.0       | 0.24                    | 48.4  | 24.8          |
| 1945                | —                                 | —       | 221,970                       | 10.5      | 0.30                    | 68.2  | 22.2          |
| 1946                | —                                 | —       | 232,850                       | 10.0      | 0.32                    | 54.3  | 22.4          |
| 1947                | 68,900                            | —       | 242,860                       | 9.9       | 0.18                    | 45.1  | 23.2          |

\* This number includes all business offices, whether in dwelling houses or factories, not occupied on the night the Census was taken.

† This number omits all business offices, factories, etc.

‡ The Census returns show unoccupied "dwellings"—not houses.

° In these years an extension of the City Boundaries took place.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1947.

49

| NOTIFIABLE DISEASE.                             | Total number of cases notified. | NOTIFICATIONS IN AGE GROUPS. |                |                 |                |                |                | NOTIFICATIONS IN THE VARIOUS WARDS OF THE CITY. |         |             |          |           |             |         |             |          |         |            |           |             |             |          |           |               |
|---|---------------------------------|------------------------------|----------------|-----------------|----------------|----------------|----------------|---|---------|-------------|----------|-----------|-------------|---------|-------------|----------|---------|------------|-----------|-------------|-------------|----------|-----------|---------------|
|   |                                 | AGE GROUPS.                  |                |                 |                |                |                | All Saints                                      | Bablake | Chelyesmore | Earlsdon | Foleshill | Grey Friars | Harnall | Hill Fields | Longford | Radford | St. Mary's | St Paul's | Lower Stoke | Upper Stoke | Westwood | Walsgrave |               |
|   |                                 | Under 1.                     | 1 and under 5. | 5 and under 15. | 15 & under 25. | 25 & under 45. | 45 & under 65. |   |         |             |          |           |             |         |             |          |         |            |           |             |             |          |           | 65 & upwards. |
| Small-pox .. .. .                               | ..                              | ..                           | ..             | ..              | ..             | ..             | ..             | ..  | ..      | ..          | ..       | ..        | ..          | ..      | ..          | ..       | ..      | ..         | ..        | ..          | ..          | ..       | ..        | ..            |
| Cholera (C) Plague (P) .. .. .                  | ..                              | ..                           | ..             | ..              | ..             | ..             | ..             | ..  | ..      | ..          | ..       | ..        | ..          | ..      | ..          | ..       | ..      | ..         | ..        | ..          | ..          | ..       | ..        | ..            |
| Diphtheria (including Membranous Group) .. .. . | 53                              | ..                           | 12             | 21              | 13             | 6              | 1              | 7   | 6       | 1           | 2        | 2         | 3           | 2       | ..          | 1        | 5       | 2          | 5         | ..          | 6           | 5        | 6         | 2             |
| Erysipelas .. .. .                              | 39                              | ..                           | ..             | 3               | 2              | 11             | 9              | 1   | 4       | 2           | ..       | 5         | 3           | 1       | 1           | 7        | 4       | ..         | 1         | 4           | 1           | 3        | 2         | ..            |
| Scarlet fever .. .. .                           | 385                             | ..                           | 98             | 259             | 20             | 5              | 3              | 7   | 25      | 13          | 14       | 11        | 46          | 6       | 14          | 36       | 43      | 4          | 8         | 47          | 23          | 62       | 26        | ..            |
| Typhus fever .. .. .                            | ..                              | ..                           | ..             | ..              | ..             | ..             | ..             | ..  | ..      | ..          | ..       | ..        | ..          | ..      | ..          | ..       | ..      | ..         | ..        | ..          | ..          | ..       | ..        | ..            |
| Enteric fever .. .. .                           | 6                               | ..                           | 1              | 3               | 1              | 1              | ..             | ..  | 1       | 1           | ..       | ..        | 1           | 1       | ..          | ..       | ..      | ..         | ..        | ..          | ..          | 1        | 1         | ..            |
| Relapsing fever (R) .. .. .                     | ..                              | ..                           | ..             | ..              | ..             | ..             | ..             | ..  | ..      | ..          | ..       | ..        | ..          | ..      | ..          | ..       | ..      | ..         | ..        | ..          | ..          | ..       | ..        | ..            |
| Continued fever (C) .. .. .                     | ..                              | ..                           | ..             | ..              | ..             | ..             | ..             | ..  | ..      | ..          | ..       | ..        | ..          | ..      | ..          | ..       | ..      | ..         | ..        | ..          | ..          | ..       | ..        | ..            |
| Puerperal Pyrexia .. .. .                       | 35                              | ..                           | ..             | ..              | 17             | 18             | ..             | 2   | 4       | 2           | 5        | ..        | 3           | ..      | 2           | 1        | 4       | 2          | 1         | 2           | ..          | 4        | 3         | ..            |
| Cerebro-spinal Meningitis .. .. .               | 26                              | 6                            | 9              | 6               | 3              | ..             | 2              | 2   | 3       | ..          | ..       | 1         | 1           | 1       | ..          | 5        | 6       | ..         | 2         | 2           | ..          | 2        | 2         | ..            |
| Acute Anterior Poliomyelitis .. .. .            | 33                              | ..                           | 6              | 14              | 6              | 6              | 1              | ..  | 6       | 3           | 5        | 1         | 1           | 1       | 1           | 2        | 1       | 1          | ..        | 2           | ..          | 5        | 4         | 1             |
| Ophthalmia Neonatorum .. .. .                   | 25                              | 25                           | ..             | ..              | ..             | ..             | ..             | ..  | 1       | 2           | 1        | ..        | ..          | ..      | ..          | 9        | 2       | ..         | ..        | 1           | 3           | 4        | 1         | ..            |
| Respiratory Tuberculosis .. .. .                | 345                             | 1                            | 5              | 21              | 99             | 138            | 72             | 13  | 42      | 30          | 9        | 10        | 25          | 13      | 12          | 25       | 44      | 9          | 14        | 22          | 18          | 30       | 29        | ..            |
| Other forms of Tuberculosis .. .. .             | 52                              | 1                            | 8              | 12              | 12             | 18             | 1              | 2   | 8       | ..          | 3        | 6         | 5           | 3       | ..          | 2        | 4       | ..         | 5         | 5           | 3           | 2        | 4         | ..            |
| Malaria .. .. .                                 | 2                               | ..                           | ..             | ..              | ..             | ..             | 1              | ..  | 1       | ..          | ..       | ..        | ..          | ..      | ..          | ..       | ..      | ..         | ..        | ..          | ..          | ..       | 1         | ..            |
| Dysentery .. .. .                               | 10                              | ..                           | 3              | 1               | ..             | 5              | 1              | 1   | 1       | ..          | ..       | ..        | 3           | ..      | 1           | ..       | 4       | ..         | ..        | ..          | ..          | ..       | ..        | ..            |
| Acute Primary Pneumonia .. .. .                 | 140                             | ..                           | 23             | 18              | 15             | 23             | 43             | 10  | 16      | 8           | 8        | 6         | 14          | 3       | 3           | 13       | 20      | ..         | 4         | 9           | 7           | 8        | 11        | ..            |
| Acute Influenzal Pneumonia .. .. .              | 17                              | 1                            | ..             | 1               | ..             | 7              | 6              | 1   | 1       | 3           | 1        | 2         | ..          | ..      | ..          | 2        | ..      | ..         | ..        | ..          | 1           | 2        | 4         | ..            |
| Acute Encephalitis Lethargica .. .. .           | ..                              | ..                           | ..             | ..              | ..             | ..             | ..             | ..  | ..      | ..          | ..       | ..        | ..          | ..      | ..          | ..       | ..      | ..         | ..        | ..          | ..          | ..       | ..        | ..            |
| Acute Polio-Encephalitis .. .. .                | 2                               | ..                           | 1              | ..              | ..             | 1              | ..             | ..  | ..      | ..          | ..       | ..        | ..          | ..      | ..          | ..       | ..      | ..         | ..        | ..          | ..          | 1        | ..        | ..            |
| Chicken Pox .. .. .                             | ..                              | ..                           | ..             | ..              | ..             | ..             | ..             | ..  | ..      | ..          | ..       | ..        | ..          | ..      | ..          | ..       | ..      | ..         | ..        | ..          | ..          | ..       | ..        | ..            |
| Measles .. .. .                                 | 3252                            | 130                          | 1833           | 1212            | 41             | 34             | 2              | 86  | 412     | 92          | 119      | 59        | 300         | 73      | 76          | 298      | 347     | 29         | 90        | 244         | 148         | 500      | 379       | ..            |
| Whooping Cough .. .. .                          | 564                             | 71                           | 352            | 139             | 1              | 1              | ..             | 3   | 71      | 25          | 18       | 7         | 64          | 2       | 5           | 26       | 89      | 2          | 7         | 54          | 28          | 125      | 38        | ..            |
| Total .. .. .                                   | 4986                            | 245                          | 2351           | 1710            | 230            | 275            | 141            | 135   | 601     | 183         | 185      | 110       | 469         | 106     | 115         | 427      | 573     | 49         | 137       | 392         | 239         | 754      | 511       | ..            |



## Live Register of Tuberculosis Patients.

|   | Pulmonary Cases. |     |       | Non-Pulmonary Cases. |     |       | Total Cases (All Forms). |     |       |
|---|------------------|-----|-------|----------------------|-----|-------|--------------------------|-----|-------|
|   | M.               | F.  | Total | M.                   | F.  | Total | M.                       | F.  | Total |
| 1. No. on Register at 31/12/1946...                         | 857              | 564 | 1421  | 119                  | 136 | 255   | 976                      | 700 | 1676  |
| 2. Cases notified (or otherwise coming to knowledge in 1947 | 223              | 143 | 366   | 22                   | 34  | 56    | 245                      | 177 | 422   |
| 3. Cases removed from Register in 1947 ... ..               | 142              | 135 | 277   | 26                   | 14  | 40    | 168                      | 149 | 317   |
| 4. No. on Register at 31/12/1947...                         | 938              | 572 | 1510  | 115                  | 156 | 271   | 1053                     | 728 | 1781  |

## Tuberculosis.

| YEAR | CASES ON REGISTER |               | CASES NOTIFIED<br>(or brought to notice) |               | DEATHS    |      |               |      |
|------|-------------------|---------------|--|---------------|-----------|------|---------------|------|
|      | Pulmonary         | Non-Pulmonary | Pulmonary                                | Non-Pulmonary | Pulmonary |      | Non-Pulmonary |      |
|      |                   |               |  |               | No.       | Rate | No.           | Rate |
| 1938 | M.                | 524           | 75                                       | 134           | 38        | 0.63 | 12            | 0.09 |
|      | F.                | 359           | 81                                       | 97            | 29        |      | 8             |      |
| 1939 | M.                | 535           | 88                                       | 165           | 29        | 0.63 | 8             | 0.09 |
|      | F.                | 361           | 93                                       | 99            | 40        |      | 15            |      |
| 1940 | M.                | 578           | 115                                      | 194           | 44        | 0.72 | 12            | 0.12 |
|      | F.                | 362           | 111                                      | 102           | 30        |      | 13            |      |
| 1941 | M.                | 598           | 122                                      | 191           | 29        | 0.71 | 12            | 0.08 |
|      | F.                | 371           | 111                                      | 85            | 20        |      | 4             |      |
| 1942 | M.                | 636           | 124                                      | 184           | 32        | 0.60 | 13            | 0.15 |
|      | F.                | 402           | 109                                      | 131           | 29        |      | 19            |      |
| 1943 | M.                | 710           | 142                                      | 258           | 36        | 0.72 | 16            | 0.10 |
|      | F.                | 450           | 124                                      | 137           | 31        |      | 7             |      |
| 1944 | M.                | 797           | 140                                      | 235           | 21        | 0.59 | 8             | 0.08 |
|      | F.                | 471           | 131                                      | 121           | 25        |      | 12            |      |
| 1945 | M.                | 848           | 142                                      | 227           | 30        | 0.79 | 10            | 0.04 |
|      | F.                | 542           | 136                                      | 147           | 31        |      | 10            |      |
| 1946 | M.                | 857           | 119                                      | 162           | 13        | 0.58 | 10            | 0.09 |
|      | F.                | 564           | 136                                      | 132           | 29        |      | 12            |      |
| 1947 | M.                | 938           | 115                                      | 223           | 22        | 0.67 | 9             | 0.08 |
|      | F.                | 572           | 156                                      | 143           | 34        |      | 11            |      |

# VENEREAL DISEASES.

Return relating to Coventry Cases treated at the Coventry and Warwickshire Hospital, 1947.

|   | Syphilis. |     | Soft Chancere |     | Gonorrhoea. |     | Conditions other than Venereal. |     | TOTALS. 1947. |     | 1946.  | 1945. | 1944. | 1943. |
|---|-----------|-----|---------------|-----|-------------|-----|---------------------------------|-----|---------------|-----|--------|-------|-------|-------|
|   | M.        | F.  | M.            | F.  | M.          | F.  | M.                              | F.  | M.            | F.  | Total. |       |       |       |
| Persons under treatment or observation on 1st January, 1947 | 283       | 204 | 1             | ... | 166         | 97  | 81                              | 68  | 531           | 309 | 840    | 624   | 615   | 499   |
| Old cases returned  | 3         | 5   | ...           | ... | 1           | 1   | ...                             | ... | 4             | 6   | 10     | 22    | 12    | 32    |
| New cases :—  |           |     |               |     |             |     |                                 |     |               |     |        |       |       |       |
| Syphilis, primary   | 63        | 13  | ...           | ... | ...         | ... | ...                             | ... | 63            | 13  | 76     | 43    | 55    | 47    |
| " secondary   | 21        | 35  | ...           | ... | ...         | ... | ...                             | ... | 21            | 35  | 56     | 21    | 36    | 20    |
| " latent 1st year of infection                              | 3         | 19  | ...           | ... | ...         | ... | ...                             | ... | 3             | 19  | 22     | 9     | 9     | 13    |
| " late  | 23        | 18  | ...           | ... | ...         | ... | ...                             | ... | 23            | 18  | 41     | 28    | 34    | 37    |
| " congenital  | 5         | 6   | ...           | ... | ...         | ... | ...                             | ... | 5             | 6   | 11     | 10    | 15    | 19    |
| Soft Chancere   | ...       | ... | 1             | ... | ...         | ... | ...                             | ... | 1             | ... | 1      | 1     | ...   | 1     |
| Gonorrhoea  | ...       | ... | ...           | ... | 214         | 58  | ...                             | ... | 214           | 58  | 272    | 312   | 374   | 386   |
| Non-Venereal  | ...       | ... | ...           | ... | ...         | ... | 417                             | 293 | 417           | 293 | 710    | 746   | 799   | 756   |
| Conditions undiagnosed at 31/12/47                          | ...       | ... | ...           | ... | ...         | ... | ...                             | 1   | ...           | 1   | 1      | ...   | ...   | 3     |
| Cases transferred from other areas                          | 61        | 16  | ...           | ... | 26          | 2   | ...                             | ... | 87            | 18  | 105    | 60    | 59    | 78    |
| TOTALS  | 462       | 316 | 2             | ... | 407         | 98  | 498                             | 362 | 1369          | 776 | 2145   | 1876  | 2008  | 1891  |

# VENEREAL DISEASES.

Return relating to Coventry Cases treated at the Coventry and Warwickshire Hospital, 1947.

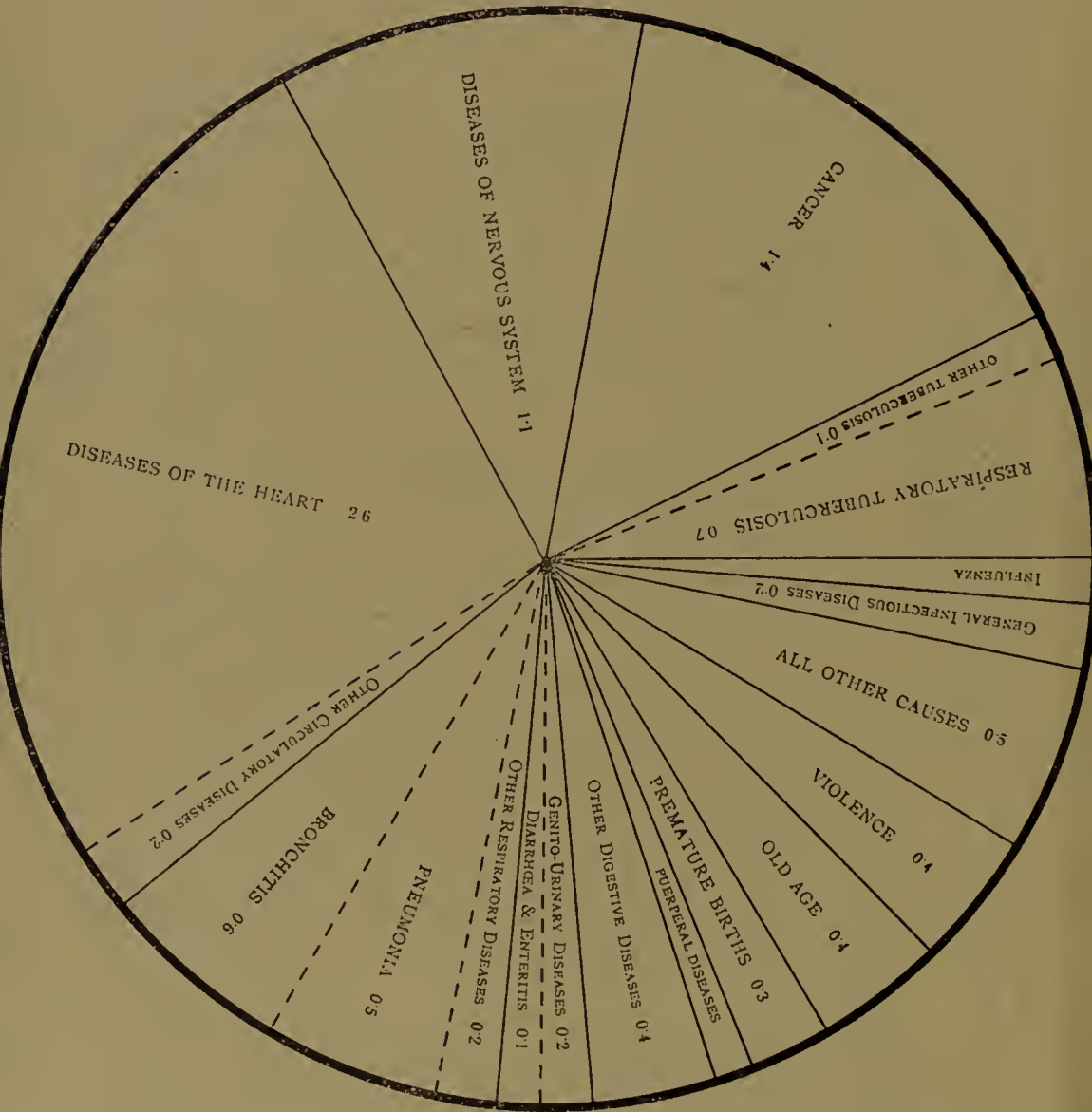
|  | Syphilis. |     | Soft Chancre. |     | Gonorrhoea. |     | Conditions other than venereal. |     | TOTALS 1947. |     |        | 1946. | 1945. | 1944. | 1943. |
|--|-----------|-----|---------------|-----|-------------|-----|---------------------------------|-----|--------------|-----|--------|-------|-------|-------|-------|
|  | M.        | F.  | M.            | F.  | M.          | F.  | M.                              | F.  | M.           | F.  | Total. |       |       |       |       |
|  |           |     |               |     |             |     |                                 |     |              |     |        |       |       |       |       |
| Cases discharged after cure ...  | 20        | 4   | ...           | ... | 148         | 2   | 409                             | 295 | 577          | 301 | 878    | 1014  | 915   | 1017  | 922   |
| Cases ceasing attendance before completing treatment:—                           |           |     |               |     |             |     |                                 |     |              |     |        |       |       |       |       |
| Syphilis, primary ...  | 19        | 2   | ...           | ... | ...         | ... | ...                             | ... | 19           | 2   | 21     | 17    | 25    | 26    | 18    |
| " secondary ...  | 8         | 13  | ...           | ... | ...         | ... | ...                             | ... | 8            | 13  | 21     | 22    | 15    | 15    | 14    |
| " latent 1st year of infection ...   | ...       | 10  | ...           | ... | ...         | ... | ...                             | ... | ...          | 10  | 10     | 9     | 8     | 1     |       |
| " all later stages ...   | 21        | 18  | ...           | ... | ...         | ... | ...                             | ... | 21           | 18  | 39     | 32    | 26    | 29    |       |
| " congenital ...   | 2         | 6   | ...           | ... | ...         | ... | ...                             | ... | 2            | 6   | 8      | 8     | 8     | 11    |       |
| Soft Chancre ...   | ...       | ... | ...           | ... | ...         | ... | ...                             | ... | ...          | ... | ...    | ...   | ...   | ...   | ...   |
| Gonorrhoea ...   | ...       | ... | ...           | ... | 64          | 20  | ...                             | ... | 64           | 20  | 84     | 87    | 85    | 100   | 100   |
| No. of cases under treatment or observation which died from the disease ...      | ...       | 1   | ...           | ... | ...         | ... | ...                             | ... | ...          | 1   | 3      | ...   | ...   | ...   | ...   |
| From other causes ...  | 2         | ... | ...           | ... | ...         | ... | ...                             | ... | ...          | ... | ...    | ...   | ...   | ...   | ...   |
| Cases ceasing attendance after completing treatment but before tests of cure ... | 45        | 20  | 1             | ... | 22          | 4   | ...                             | ... | 68           | 24  | 92     | 82    | 41    | 39    | 39    |
| Cases transferred to other centres ...   | 42        | 32  | ...           | ... | 36          | 11  | 13                              | 9   | 91           | 52  | 143    | 136   | 149   | 146   | 148   |
| Cases under treatment on 31/12/47 ...  | 303       | 210 | 1             | ... | 137         | 61  | 76                              | 58  | 517          | 329 | 846    | 840   | 601   | 624   | 615   |
| TOTALS...  | 462       | 316 | 2             | ... | 407         | 98  | 498                             | 362 | 1369         | 776 | 2145   | 2248  | 1876  | 2008  | 1891  |

|   |      |      |     |     |      |      |      |      |      |      |       |       |       |       |       |
|---|------|------|-----|-----|------|------|------|------|------|------|-------|-------|-------|-------|-------|
| No. of attendances for medical treatment ...      | 4290 | 4110 | 3   | ... | 2626 | 269  | 1315 | 940  | 8234 | 5319 | 13553 | 14459 | 11419 | 12207 | 1465  |
| No. of attendances for intermediate treatment ... | 28   | 4    | ... | ... | 2639 | 1782 | 522  | 1371 | 3189 | 3157 | 6346  | 9666  | 13578 | 13630 | 14485 |
| In-patients:—                                     |      |      |     |     |      |      |      |      |      |      |       |       |       |       |       |
| Admissions ...                                    | 4    | 5    | ... | ... | 1    | 2    | ...  | ...  | 5    | 7    | 12    | 9     | 4     | ...   | ...   |
| In-patient days ...                               | 68   | 75   | ... | ... | 40   | 22   | ...  | ...  | 108  | 97   | 205   | 183   | 40    | ...   | ...   |

| Meteorological Observations made at the City Hospital, Coventry, 1947.                     |                        |                  |        |          |                             |                  |                |                                 |           |                            |                                     |                            |      |                          |                  |   |   |                                |             |   |                            |             |                           |         |                  |                   |                          |   |       |               |            |           |      |               |       |  |                        |    |      |    |      |    |      |    |      |
|--|------------------------|------------------|--------|----------|-----------------------------|------------------|----------------|---------------------------------|-----------|----------------------------|-------------------------------------|----------------------------|------|--------------------------|------------------|---|---|--------------------------------|-------------|---|----------------------------|-------------|---------------------------|---------|------------------|-------------------|--------------------------|---|-------|---------------|------------|-----------|------|---------------|-------|--|------------------------|----|------|----|------|----|------|----|------|
| Lat. 52° 23' 26" Long. 1° 29' 4"W. Height of rim of rain gauge above Mean Sea Level 240ft. |                        |                  |        |          |                             |                  |                |                                 |           |                            |                                     |                            |      |                          |                  |   |   |                                |             |   |                            |             |                           |         |                  |                   |                          |   |       |               |            |           |      |               |       |  |                        |    |      |    |      |    |      |    |      |
| The cistern of the barometer is situated 326 feet above sea level.                         |                        |                  |        |          |                             |                  |                |                                 |           |                            |                                     |                            |      |                          |                  |   |   |                                |             |   |                            |             |                           |         |                  |                   |                          |   |       |               |            |           |      |               |       |  |                        |    |      |    |      |    |      |    |      |
| 1947   | Baro-<br>meter<br>Ins. | Air Temperature. |        |          |                             |                  |                | Hygrometer.                     |           |                            |                                     | Earth<br>Tempera-<br>ture. |      | Bright<br>Sun-<br>shine. |                  | Cloud.<br>Mean of Observations<br>at 9 a.m. (Scale 0-10). | Rain and other Forms<br>of Precipitation. |                                |             |   | Weather,<br>No. of Days of |             |                           |         |                  |                   | Wind<br>Force<br>(0-12.) | Wind Direction,<br>No. of daily observations<br>each month. |       |               |            |           |      |               |       |  |                        |    |      |    |      |    |      |    |      |
|  |                        | Mean of          |        |          | Difference from<br>Average. |                  |                | Absolute Minimum<br>and Maximum |           |                            | Mean of Observa-<br>tions at 9 a.m. |                            |      |                          | At 1 foot depth. |   | At 4 feet depth.                          | Per cent. of<br>Total Possible | Daily Mean. | Mean of Observations<br>at 9 a.m. (Scale 0-10). | Number of Days             | Total Fall. | Percentage of<br>Average. | Amount. | Day of<br>Month. | Most in<br>a Day. |                          | Snow.   | Hail. | Thunderstorm. | Clear Sky. | Overcast. | Fog. | (round Frost. | Gale. | Number of Observa-<br>tions of Moderate<br>and Strong Winds. | Calm or<br>Light Wind. | N. | N.E. | E. | S.E. | S. | S.W. | W. | N.W. |
|  |                        | Max'm.           | Min'm. | Average. | Minimum                     | Day of<br>Month. | Maximum        | Day of<br>Month.                | Dry Bulb. | Depression<br>of Wet Bulb. | Vapour<br>Pressure                  | Humidity.                  |      |                          |                  |   |   |                                |             |   |                            |             |                           |         |                  |                   |                          |   |       |               |            |           |      |               |       |  |                        |    |      |    |      |    |      |    |      |
| JAN.   | ins.<br>30-037         | 39               | 29     | -14.5    | 34.0                        | 13               | 29/30          | 33.5                            | 2.7       | 6.0                        | 89                                  | 38.6                       | 45.0 | —                        | 1.3              | 4   | 15  | 45.7                           | —           | 8.6   | 6                          | 11          | 0                         | 0       | 1                | 1                 | 0                        | —   | 0     | 0             | 31         | 1         | 10   | 8             | 1     | 0  | 0                      | 1  | 10   | —  |      |    |      |    |      |
| FEB.   | 29-795                 | 31               | 22     | -22.0    | 26.5                        | 1                | 24/25          | 27.3                            | 0.6       | 4.7                        | 75                                  | 35.7                       | 42.4 | —                        | 0.8              | 4   | 9   | 30.6                           | —           | 9.1   | 3                          | 11          | 0                         | 0       | 1                | 3                 | 0                        | —   | 0     | 0             | 28         | 0         | 21   | 1             | 2     | 0  | 0                      | 0  | 4    | —  |      |    |      |    |      |
| MAR.   | 29-634                 | 45               | 32     | -10.0    | 38.5                        | 4                | 7              | 38.2                            | 1.5       | 7.1                        | 85                                  | 46.9                       | 41.4 | —                        | 2.2              | 5   | 25  | 114.9                          | —           | 15.1  | 10                         | 7           | 0                         | 0       | 2                | 0                 | 1                        | —   | 0     | 0             | 31         | 2         | 12   | 0             | 0     | 0  | 6                      | 1  | 10   | —  |      |    |      |    |      |
| APR.   | 30-048                 | 55               | 38     | -2.0     | 46.5                        | 30               | 59/11          | 47.4                            | 3.1       | 8.6                        | 77                                  | 47.3                       | 47.3 | —                        | 4.7              | 4   | 16  | 51.8                           | —           | 11.4  | 7                          | 0           | 1                         | 0       | 1                | 0                 | 0                        | —   | 0     | 4             | 26         | 0         | 4    | 1             | 0     | 2  | 7                      | 2  | 14   | —  |      |    |      |    |      |
| MAY  | 29-980                 | 66               | 47     | +8.0     | 56.5                        | 36               | 17             | 57.6                            | 4.4       | 12.3                       | 76                                  | 55.7                       | 53.2 | —                        | 5.2              | 3   | 10  | 45.6                           | —           | 12.7  | 10                         | 0           | 0                         | 1       | 0                | 0                 | —                        | 0   | 0     | 31            | 1          | 14        | 3    | 2             | 0     | 2  | 1                      | 8  | —    |    |      |    |      |    |      |
| JUNE   | 29-978                 | 69               | 50     | +11.0    | 59.5                        | 38               | 16             | 61.6                            | 3.5       | 14.7                       | 77                                  | 63.0                       | 60.1 | —                        | 5.9              | 5   | 12  | 36.9                           | —           | 12.1  | 14                         | 0           | 0                         | 1       | 0                | 0                 | —                        | 0   | 0     | 29            | 0          | 3         | 2    | 1             | 0     | 1  | 5                      | 18 | —    |    |      |    |      |    |      |
| JULY   | 29-977                 | 71               | 55     | +14.5    | 63.0                        | 44               | 12             | 63.1                            | 3.0       | 16.7                       | 83                                  | 64.5                       | 62.3 | —                        | 3.7              | 6   | 14  | 48.5                           | —           | 10.2  | 19                         | 0           | 0                         | 6       | 0                | 2                 | 0                        | —   | 0     | 0             | 31         | 2         | 1    | 3             | 2     | 0  | 11                     | 9  | 3    | —  |      |    |      |    |      |
| AUG.   | 30-170                 | 77               | 51     | +17.0    | 65.5                        | 41               | 8              | 65.0                            | 3.9       | 16.8                       | 80                                  | 66.7                       | 65.1 | —                        | 8.1              | 2   | 3   | 6.9                            | —           | 6.1   | 3                          | 0           | 0                         | 0       | 2                | 0                 | 0                        | —   | 0     | 0             | 31         | 0         | 15   | 6             | 6     | 0  | 0                      | 0  | 4    | —  |      |    |      |    |      |
| SEPT.  | 30-083                 | 68               | 50     | +10.5    | 59.0                        | 34               | 30             | 59.0                            | 2.9       | 14.3                       | 82                                  | 62.0                       | 64.7 | —                        | 4.7              | 5   | 13  | 36.6                           | —           | 13.1  | 19                         | 0           | 0                         | 0       | 0                | 5                 | 0                        | —   | 0     | 0             | 30         | 1         | 5    | 0             | 0     | 3  | 12                     | 4  | 5    | —  |      |    |      |    |      |
| OCT.   | 30-134                 | 59               | 41     | +1.5     | 50.0                        | 28               | 21             | 49.3                            | 1.6       | 10.8                       | 89                                  | 52.6                       | 59.6 | —                        | 3.1              | 4   | 7   | 4.6                            | —           | 1.5   | 21                         | 0           | 0                         | 0       | 3                | 4                 | 0                        | —   | 0     | 0             | 31         | 1         | 9    | 4             | 2     | 1  | 10                     | 1  | 3    | —  |      |    |      |    |      |
| NOV.   | 29-931                 | 50               | 38     | -4.5     | 44.0                        | 24               | 27             | 43.9                            | 1.4       | 9.2                        | 88                                  | 47.2                       | 55.1 | —                        | 2.1              | 4   | 17  | 50.3                           | —           | 8.2   | 3                          | 2           | 1                         | 1       | 0                | 1                 | 1                        | —   | 0     | 0             | 30         | 3         | 1    | 1             | 0     | 1  | 9                      | 7  | 8    | —  |      |    |      |    |      |
| DEC.   | 30-004                 | 45               | 36     | -8.0     | 40.5                        | 17               | 1              | 40.7                            | 1.4       | 7.8                        | 88                                  | 43.5                       | 50.3 | —                        | 0.5              | 6   | 15  | 50.9                           | —           | 8.9   | 25                         | 2           | 0                         | 0       | 0                | 8                 | 3                        | —   | 0     | 0             | 30         | 4         | 6    | 0             | 2     | 0  | 6                      | 3  | 10   | —  |      |    |      |    |      |
| Year.  | 29-985                 | 56               | 41     | —        | 48.5                        | 1                | Feb.<br>24/25. | 48.9                            | 2.5       | 10.8                       | 82                                  | 52.0                       | 53.9 | —                        | 3.5              | 4   | 156                                       | 523.3                          | —           | 15.1  | Mar.<br>10                 | 33          | 2                         | 8       | 11               | 24                | 5                        | —   | 0     | 4             | 359        | 15        | 101  | 29            | 18    | 7  | 64                     | 34 | 97   | —  |      |    |      |    |      |



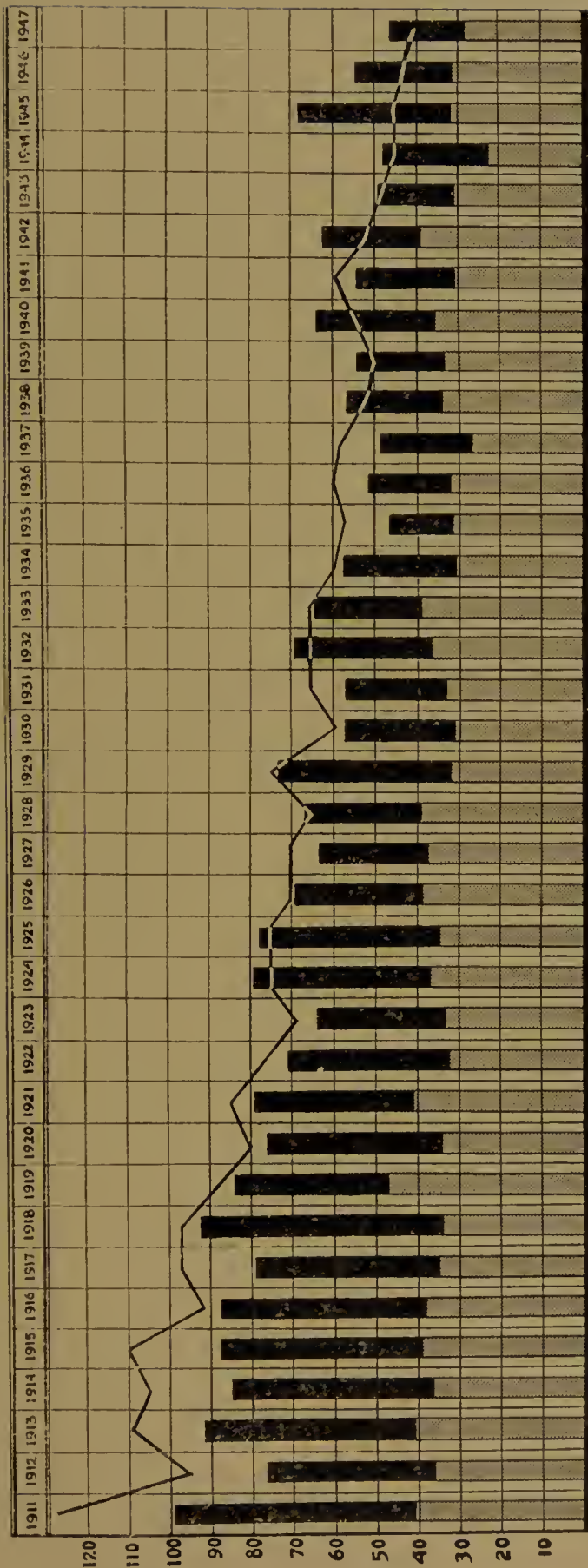
PROPORTIONS OF DEATHS FROM PRINCIPAL CAUSES  
TO TOTAL DEATHS, 1947.



The Total Death Rate from all Causes was 9.9 .



# CHART SHOWING THE INFANT MORTALITY PER 1,000 BIRTHS IN COVENTRY.



The Infant Death Rate per 1,000 births is represented by the chimneys, the shaded portion of which represents the death rate amongst babies under four weeks of age (*i.e.*, the neo-natal death rate).

The Infant Death Rate for England and Wales is represented by the line





